

# David Knopman

## List of Publications by Year in Descending Order

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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.

599  
papers

57,779  
citations

105  
h-index

230  
g-index

649  
ext. papers

70,014  
ext. citations

7.2  
avg, IF

7.44  
L-index

#	Paper	IF	Citations
599	Long-term associations between amyloid positron emission tomography, sex, apolipoprotein E and incident dementia and mortality among individuals without dementia: hazard ratios and absolute risk.. <i>Brain Communications</i> , <b>2022</b> , 4, fcac017	4.5	2
598	Association of Ischemic Stroke Incidence, Severity, and Recurrence With Dementia in the Atherosclerosis Risk in Communities Cohort Study.. <i>JAMA Neurology</i> , <b>2022</b> ,	17.2	1
597	H MR spectroscopy biomarkers of neuronal and synaptic function are associated with tau deposition in cognitively unimpaired older adults.. <i>Neurobiology of Aging</i> , <b>2022</b> , 112, 16-26	5.6	2
596	Endurance and gait speed relationships with mild cognitive impairment and dementia.. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , <b>2022</b> , 14, e12281	5.2	0
595	TDP-43-associated atrophy in brains with and without frontotemporal lobar degeneration.. <i>NeuroImage: Clinical</i> , <b>2022</b> , 34, 102954	5.3	0
594	Longitudinal atrophy in prodromal dementia with Lewy bodies points to cholinergic degeneration.. <i>Brain Communications</i> , <b>2022</b> , 4, fcac013	4.5	1
593	White matter damage due to vascular, tau, and TDP-43 pathologies and its relevance to cognition.. <i>Acta Neuropathologica Communications</i> , <b>2022</b> , 10, 16	7.3	1
592	Proposed research criteria for prodromal behavioural variant frontotemporal dementia.. <i>Brain</i> , <b>2022</b> ,	11.2	1
591	Therapeutic Targets for Alzheimer's Disease: Amyloid Vs. Non-Amyloid. Where Does Consensus Lie Today? An CTAD Task Force Report.. <i>Journal of Prevention of Alzheimer's Disease</i> , <b>2022</b> , 9, 231-235	3.8	
590	TDP-43 represses cryptic exon inclusion in the FTD-ALS gene UNC13A.. <i>Nature</i> , <b>2022</b> ,	50.4	14
589	Phenotypic subtypes of progressive dysexecutive syndrome due to Alzheimer's disease: a series of clinical cases.. <i>Journal of Neurology</i> , <b>2022</b> , 1	5.5	0
588	A computational model of neurodegeneration in Alzheimer's disease.. <i>Nature Communications</i> , <b>2022</b> , 13, 1643	17.4	3
587	Poly (ADP-Ribose) and Synuclein extracellular vesicles in patients with Parkinson disease: A possible biomarker of disease severity.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0264446	3.7	0
586	Association of Carotid Intima-Media Thickness with Brain MRI Markers in the Atherosclerosis Risk in Communities Neurocognitive Study (ARIC-NCS).. <i>Journal of Stroke and Cerebrovascular Diseases</i> , <b>2022</b> , 31, 106388	2.8	0
585	Deep learning identifies brain structures that predict cognition and explain heterogeneity in cognitive aging.. <i>NeuroImage</i> , <b>2022</b> , 251, 119020	7.9	0
584	Tau polygenic risk scoring: a cost-effective aid for prognostic counseling in Alzheimer's disease.. <i>Acta Neuropathologica</i> , <b>2022</b> , 143, 571	14.3	0
583	Deep learning-based brain age prediction in normal aging and dementia. <i>Nature Aging</i> , <b>2022</b> , 2, 412-424		2

582	Frequency and distribution of TAR DNA-binding protein 43 (TDP-43) pathology increase linearly with age in a large cohort of older adults with and without dementia.. <i>Acta Neuropathologica</i> , <b>2022</b> , 1	14.3	0
581	Artificial Intelligence-Enabled Electrocardiogram for Atrial Fibrillation Identifies Cognitive Decline Risk and Cerebral Infarcts.. <i>Mayo Clinic Proceedings</i> , <b>2022</b> , 97, 871-880	6.4	0
580	Kidney-Metabolic Factors Associated with Cognitive Impairment in Chronic Kidney Disease: A Pilot Study.. <i>American Journal of Nephrology</i> , <b>2022</b> , 1-11	4.6	
579	The Relationship of $\beta$ , Race, and Sex on the Age of Onset and Risk of Dementia. <i>Frontiers in Neurology</i> , <b>2021</b> , 12, 735036	4.1	3
578	Talking points for physicians, patients and caregivers considering Aduhelm $\beta$ infusion and the accelerated pathway for its approval by the FDA. <i>Molecular Neurodegeneration</i> , <b>2021</b> , 16, 74	19	4
577	The association of motoric cognitive risk with incident dementia and neuroimaging characteristics: The Atherosclerosis Risk in Communities Study. <i>Alzheimer's and Dementia</i> , <b>2021</b> ,	1.2	3
576	White matter changes in empirically derived incident MCI subtypes in the Mayo Clinic Study of Aging.. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , <b>2021</b> , 13, e12269	5.2	
575	Cerebrospinal fluid dynamics and discordant amyloid biomarkers. <i>Neurobiology of Aging</i> , <b>2021</b> , 110, 27-36	6.6	2
574	Comparison of CSF neurofilament light chain, neurogranin, and tau to MRI markers. <i>Alzheimer's and Dementia</i> , <b>2021</b> , 17, 801-812	1.2	7
573	TAR DNA-Binding Protein 43 Is Associated with Rate of Memory, Functional and Global Cognitive Decline in the Decade Prior to Death. <i>Journal of Alzheimer's Disease</i> , <b>2021</b> , 80, 683-693	4.3	2
572	Neuropsychiatric symptoms and the outcome of cognitive trajectories in older adults free of dementia: The Mayo Clinic Study of Aging. <i>International Journal of Geriatric Psychiatry</i> , <b>2021</b> , 36, 1362-1369	3.9	5
571	Diagnostic accuracy of the Cogstate Brief Battery for prevalent MCI and prodromal AD (MCI A T ) in a population-based sample. <i>Alzheimer's and Dementia</i> , <b>2021</b> , 17, 584-594	1.2	3
570	White matter abnormalities are key components of cerebrovascular disease impacting cognitive decline. <i>Brain Communications</i> , <b>2021</b> , 3, fcab076	4.5	2
569	NIA-AA Alzheimer $\beta$ Disease Framework: Clinical Characterization of Stages. <i>Annals of Neurology</i> , <b>2021</b> , 89, 1145-1156	9.4	8
568	Diffusion models reveal white matter microstructural changes with ageing, pathology and cognition. <i>Brain Communications</i> , <b>2021</b> , 3, fcab106	4.5	4
567	Long-read targeted sequencing uncovers clinicopathological associations for C9orf72-linked diseases. <i>Brain</i> , <b>2021</b> , 144, 1082-1088	11.2	2
566	Plasma Neurofilament Light for Prediction of Disease Progression in Familial Frontotemporal Lobar Degeneration. <i>Neurology</i> , <b>2021</b> , 96, e2296-e2312	6.5	12
565	Cerebral Amyloid Angiopathy Burden and Cerebral Microbleeds: Pathological Evidence for Distinct Phenotypes. <i>Journal of Alzheimer's Disease</i> , <b>2021</b> , 81, 113-122	4.3	2

564	Alzheimer disease. <i>Nature Reviews Disease Primers</i> , <b>2021</b> , 7, 33	51.1	114
563	Plasma amyloid $\beta$ levels are driven by genetic variants near APOE, BACE1, APP, PSEN2: A genome-wide association study in over 12,000 non-demented participants. <i>Alzheimer's and Dementia</i> , <b>2021</b> , 17, 1663-1674	1.2	5
562	MRI quantitative susceptibility mapping of the substantia nigra as an early biomarker for Lewy body disease. <i>Journal of Neuroimaging</i> , <b>2021</b> , 31, 1020-1027	2.8	4
561	Changing the face of neuroimaging research: Comparing a new MRI de-facing technique with popular alternatives. <i>NeuroImage</i> , <b>2021</b> , 231, 117845	7.9	8
560	CSF dynamics as a predictor of cognitive progression. <i>NeuroImage</i> , <b>2021</b> , 232, 117899	7.9	0
559	Dementia with Lewy bodies: association of Alzheimer pathology with functional connectivity networks. <i>Brain</i> , <b>2021</b> , 144, 3212-3225	11.2	6
558	Cerebral Microbleeds: Relationship to Antithrombotic Medications. <i>Stroke</i> , <b>2021</b> , 52, 2347-2355	6.7	1
557	Brain Regional Glucose Metabolism, Neuropsychiatric Symptoms, and the Risk of Incident Mild Cognitive Impairment: The Mayo Clinic Study of Aging. <i>American Journal of Geriatric Psychiatry</i> , <b>2021</b> , 29, 179-191	6.5	6
556	Distinguishing Frontotemporal Dementia From Alzheimer Disease Through Everyday Function Profiles: Trajectories of Change. <i>Journal of Geriatric Psychiatry and Neurology</i> , <b>2021</b> , 34, 66-75	3.8	0
555	Association of Hospitalization with Long-Term Cognitive Trajectories in Older Adults. <i>Journal of the American Geriatrics Society</i> , <b>2021</b> , 69, 660-668	5.6	6
554	Associations of quantitative susceptibility mapping with Alzheimer's disease clinical and imaging markers. <i>NeuroImage</i> , <b>2021</b> , 224, 117433	7.9	13
553	Association of Initial $\beta$ Amyloid Levels With Subsequent Flortaucipir Positron Emission Tomography Changes in Persons Without Cognitive Impairment. <i>JAMA Neurology</i> , <b>2021</b> , 78, 217-228	17.2	13
552	Brain volumetric deficits in MAPT mutation carriers: a multisite study. <i>Annals of Clinical and Translational Neurology</i> , <b>2021</b> , 8, 95-110	5.3	4
551	Brain MRI after critical care admission: A longitudinal imaging study. <i>Journal of Critical Care</i> , <b>2021</b> , 62, 117-123	4	2
550	Physical Activity and Trajectory of Cognitive Change in Older Persons: Mayo Clinic Study of Aging. <i>Journal of Alzheimer's Disease</i> , <b>2021</b> , 79, 377-388	4.3	2
549	The value of multimodal imaging with I-FP-CIT SPECT in differential diagnosis of dementia with Lewy bodies and Alzheimer's disease dementia. <i>Neurobiology of Aging</i> , <b>2021</b> , 99, 11-18	5.6	1
548	Association of Cortical and Subcortical $\beta$ Amyloid With Standardized Measures of Depressive and Anxiety Symptoms in Adults Without Dementia. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , <b>2021</b> , 33, 64-71	2.7	4
547	Failure to demonstrate efficacy of aducanumab: An analysis of the EMERGE and ENGAGE trials as reported by Biogen, December 2019. <i>Alzheimer's and Dementia</i> , <b>2021</b> , 17, 696-701	1.2	107

546	Mayo Normative Studies: Regression-Based Normative Data for the Auditory Verbal Learning Test for Ages 30-91 Years and the Importance of Adjusting for Sex. <i>Journal of the International Neuropsychological Society</i> , <b>2021</b> , 27, 211-226	3.1	11
545	Prospective Analysis of Leisure-Time Physical Activity in Midlife and Beyond and Brain Damage on MRI in Older Adults. <i>Neurology</i> , <b>2021</b> , 96, e964-e974	6.5	3
544	FDG PET and I-FP-CIT SPECT in Mild Cognitive Impairment at Risk for Lewy Body Dementia. <i>Neurology</i> , <b>2021</b> ,	6.5	3
543	FDG PET metabolic signatures distinguishing prodromal DLB and prodromal AD. <i>NeuroImage: Clinical</i> , <b>2021</b> , 31, 102754	5.3	6
542	Gait Speed and Instrumental Activities of Daily Living in Older Adults After Hospitalization: A Longitudinal Population-Based Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2021</b> , 76, e272-e280	6.4	
541	Coping with brain amyloid: genetic heterogeneity and cognitive resilience to Alzheimer's pathophysiology. <i>Acta Neuropathologica Communications</i> , <b>2021</b> , 9, 48	7.3	6
540	Prescribing Aducanumab in the Face of Meager Efficacy and Real Risks. <i>Neurology</i> , <b>2021</b> , 97, 545-547	6.5	10
539	Comparison of CSF phosphorylated tau 181 and 217 for cognitive decline. <i>Alzheimer's and Dementia</i> , <b>2021</b> ,	1.2	3
538	Detection of Alzheimer's disease amyloid beta 1-42, p-tau, and t-tau assays. <i>Alzheimer's and Dementia</i> , <b>2021</b> ,	1.2	5
537	Association of Midlife Plasma Amyloid- $\beta$ Levels With Cognitive Impairment in Late Life: The ARIC Neurocognitive Study. <i>Neurology</i> , <b>2021</b> , 97, e1123-e1131	6.5	2
536	Revisiting FDA Approval of Aducanumab. <i>New England Journal of Medicine</i> , <b>2021</b> , 385, 769-771	59.2	40
535	Chronic Kidney Disease Associated with Worsening White Matter Disease and Ventricular Enlargement. <i>Journal of Alzheimer's Disease</i> , <b>2021</b> , 83, 1729-1740	4.3	0
534	Posterior cortical atrophy phenotypic heterogeneity revealed by decoding F-FDG-PET. <i>Brain Communications</i> , <b>2021</b> , 3, fcab182	4.5	3
533	Cerebral Amyloid Angiopathy Pathology and Its Association With Amyloid- $\beta$ PET Signal. <i>Neurology</i> , <b>2021</b> , 97, e1799-e1808	6.5	1
532	Associations of amyloid and neurodegeneration plasma biomarkers with comorbidities. <i>Alzheimer's and Dementia</i> , <b>2021</b> ,	1.2	9
531	Selecting software pipelines for change in flortaucipir SUVR: Balancing repeatability and group separation. <i>NeuroImage</i> , <b>2021</b> , 238, 118259	7.9	4
530	Comparison of Plasma Phosphorylated Tau Species With Amyloid and Tau Positron Emission Tomography, Neurodegeneration, Vascular Pathology, and Cognitive Outcomes. <i>JAMA Neurology</i> , <b>2021</b> , 78, 1108-1117	17.2	25
529	Brain White Matter Structure and Amyloid Deposition in Black and White Older Adults: The ARIC-PET Study. <i>Journal of the American Heart Association</i> , <b>2021</b> , 10, e022087	6	0

528	A Comparison of Cross-Sectional and Longitudinal Methods of Defining Objective Subtle Cognitive Decline in Preclinical Alzheimer® Disease Based on Cogstate One Card Learning Accuracy Performance. <i>Journal of Alzheimer's Disease</i> , <b>2021</b> , 83, 861-877	4.3	0
527	-Jacksonville (V236E) variant reduces self-aggregation and risk of dementia. <i>Science Translational Medicine</i> , <b>2021</b> , 13, eabc9375	17.5	6
526	Sex Difference in the Relation Between Marital Status and Dementia Risk in Two Population-Based Cohorts. <i>Journal of Alzheimer's Disease</i> , <b>2021</b> , 83, 1269-1279	4.3	2
525	Cerebrovascular disease, neurodegeneration, and clinical phenotype in dementia with Lewy bodies. <i>Neurobiology of Aging</i> , <b>2021</b> , 105, 252-261	5.6	2
524	Young-Onset Dementia-New Insights for an Underappreciated Problem. <i>JAMA Neurology</i> , <b>2021</b> , 78, 1055-1056	10.5	1
523	Relationships between Amyloid and tau in an elderly population: An accelerated failure time model. <i>NeuroImage</i> , <b>2021</b> , 242, 118440	7.9	1
522	Longitudinal deterioration of white-matter integrity: heterogeneity in the ageing population. <i>Brain Communications</i> , <b>2021</b> , 3, fcaa238	4.5	3
521	Comparison of plasma neurofilament light and total tau as neurodegeneration markers: associations with cognitive and neuroimaging outcomes.. <i>Alzheimer's Research and Therapy</i> , <b>2021</b> , 13, 199	9	2
520	Rates of Brain Atrophy Across Disease Stages in Familial Frontotemporal Dementia Associated With MAPT, GRN, and C9orf72 Pathogenic Variants. <i>JAMA Network Open</i> , <b>2020</b> , 3, e2022847	10.4	5
519	Protein contributions to brain atrophy acceleration in Alzheimer® disease and primary age-related tauopathy. <i>Brain</i> , <b>2020</b> , 143, 3463-3476	11.2	13
518	Cortical atrophy patterns of incident MCI subtypes in the Mayo Clinic Study of Aging. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, 1013-1022	1.2	7
517	Prevalence and Heterogeneity of Cerebrovascular Disease Imaging Lesions. <i>Mayo Clinic Proceedings</i> , <b>2020</b> , 95, 1195-1205	6.4	13
516	Progressive dysexecutive syndrome due to Alzheimer® disease: a description of 55 cases and comparison to other phenotypes. <i>Brain Communications</i> , <b>2020</b> , 2, fcaa068	4.5	36
515	Utility of FDG-PET in diagnosis of Alzheimer-related TDP-43 proteinopathy. <i>Neurology</i> , <b>2020</b> , 95, e23-e34	6.5	11
514	Longitudinal neuroimaging biomarkers differ across Alzheimer® disease phenotypes. <i>Brain</i> , <b>2020</b> , 143, 2281-2294	11.2	23
513	Diagnostic and Prognostic Accuracy of the Cogstate Brief Battery and Auditory Verbal Learning Test in Preclinical Alzheimer® Disease and Incident Mild Cognitive Impairment: Implications for Defining Subtle Objective Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , <b>2020</b> , 76, 261-274	4.3	9
512	Mid- and Late-Life Leisure-Time Physical Activity and Global Brain Amyloid Burden: The Atherosclerosis Risk in Communities (ARIC)-PET Study. <i>Journal of Alzheimer's Disease</i> , <b>2020</b> , 76, 139-147	4.3	2
511	Subtypes of dementia with Lewy bodies are associated with Synuclein and tau distribution. <i>Neurology</i> , <b>2020</b> , 95, e155-e165	6.5	18

510	Exposure to surgery with general anaesthesia during adult life is not associated with increased brain amyloid deposition in older adults. <i>British Journal of Anaesthesia</i> , <b>2020</b> , 124, 594-602	5.4	7
509	Preoperative cognitive impairment associated with oversedation during recovery from anesthesia. <i>Journal of Anesthesia</i> , <b>2020</b> , 34, 390-396	2.2	1
508	Witnessed apneas are associated with elevated tau-PET levels in cognitively unimpaired elderly. <i>Neurology</i> , <b>2020</b> , 94, e1793-e1802	6.5	13
507	Scientific Advising and Reviewing: On strengthening the bond between the Alzheimer® Association and the scientific community. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, 1095-1098	1.2	
506	Longitudinal structural and metabolic changes in frontotemporal dementia. <i>Neurology</i> , <b>2020</b> , 95, e140-e154	6.5	12
505	CSF biomarkers in Olmsted County: Evidence of 2 subclasses and associations with demographics. <i>Neurology</i> , <b>2020</b> , 95, e256-e267	6.5	8
504	Longitudinal flortaucipir ([F]AV-1451) PET uptake in semantic dementia. <i>Neurobiology of Aging</i> , <b>2020</b> , 92, 135-140	5.6	2
503	F-fluorodeoxyglucose positron emission tomography in dementia with Lewy bodies. <i>Brain Communications</i> , <b>2020</b> , 2, fcaa040	4.5	3
502	An agnostic reevaluation of the amyloid cascade hypothesis of Alzheimer® disease pathogenesis: The role of APP homeostasis. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, 1582-1590	1.2	7
501	A soluble truncated tau species related to cognitive dysfunction is elevated in the brain of cognitively impaired human individuals. <i>Scientific Reports</i> , <b>2020</b> , 10, 3869	4.9	8
500	Better stress coping associated with lower tau in amyloid-positive cognitively unimpaired older adults. <i>Neurology</i> , <b>2020</b> , 94, e1571-e1579	6.5	8
499	Medical Doctors and Dementia: A Longitudinal Study. <i>Journal of the American Geriatrics Society</i> , <b>2020</b> , 68, 1250-1255	5.6	
498	Trajectory of lobar atrophy in asymptomatic and symptomatic GRN mutation carriers: a longitudinal MRI study. <i>Neurobiology of Aging</i> , <b>2020</b> , 88, 42-50	5.6	9
497	Imaging Biomarkers of Alzheimer Disease in Multiple Sclerosis. <i>Annals of Neurology</i> , <b>2020</b> , 87, 556-567	9.4	11
496	Comparison of sporadic and familial behavioral variant frontotemporal dementia (FTD) in a North American cohort. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, 60-70	1.2	17
495	Utility of the global CDR plus NACC FTLN rating and development of scoring rules: Data from the ARTFL/LEFFTDS Consortium. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, 106-117	1.2	27
494	Effect Modifiers of TDP-43-Associated Hippocampal Atrophy Rates in Patients with Alzheimer® Disease Neuropathological Changes. <i>Journal of Alzheimer's Disease</i> , <b>2020</b> , 73, 1511-1523	4.3	5
493	TDP-43 is associated with a reduced likelihood of rendering a clinical diagnosis of dementia with Lewy bodies in autopsy-confirmed cases of transitional/diffuse Lewy body disease. <i>Journal of Neurology</i> , <b>2020</b> , 267, 1444-1453	5.5	1

492	MRI and flortaucipir relationships in Alzheimer <sup>®</sup> phenotypes are heterogeneous. <i>Annals of Clinical and Translational Neurology</i> , <b>2020</b> , 7, 707-721	5.3	6
491	Truncated stathmin-2 is a marker of TDP-43 pathology in frontotemporal dementia. <i>Journal of Clinical Investigation</i> , <b>2020</b> , 130, 6080-6092	15.9	34
490	Revised Self-Monitoring Scale: A potential endpoint for frontotemporal dementia clinical trials. <i>Neurology</i> , <b>2020</b> , 94, e2384-e2395	6.5	14
489	Longitudinal anatomic, functional, and molecular characterization of Pick disease phenotypes. <i>Neurology</i> , <b>2020</b> , 95, e3190-e3202	6.5	4
488	Associations Between Atrial Cardiopathy and Cerebral Amyloid: The ARIC-PET Study. <i>Journal of the American Heart Association</i> , <b>2020</b> , 9, e018399	6	3
487	Pick <sup>®</sup> disease: clinicopathologic characterization of 21 cases. <i>Journal of Neurology</i> , <b>2020</b> , 267, 2697-2704	5.5	8
486	Associations between cerebrospinal fluid total phosphatidylcholines, neurodegeneration, cognitive decline, and risk of mild cognitive impairment in the Mayo Clinic Study of Aging. <i>Neurobiology of Aging</i> , <b>2020</b> , 93, 52-54	5.6	1
485	Albuminuria and Estimated GFR as Risk Factors for Dementia in Midlife and Older Age: Findings From the ARIC Study. <i>American Journal of Kidney Diseases</i> , <b>2020</b> , 76, 775-783	7.4	12
484	The longitudinal evaluation of familial frontotemporal dementia subjects protocol: Framework and methodology. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, 22-36	1.2	19
483	Active lifestyles moderate clinical outcomes in autosomal dominant frontotemporal degeneration. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, 91-105	1.2	17
482	Association of Intracranial Atherosclerotic Disease With Brain $\beta$ -Amyloid Deposition: Secondary Analysis of the ARIC Study. <i>JAMA Neurology</i> , <b>2020</b> , 77, 350-357	17.2	17
481	Linear vs volume measures of ventricle size: Relation to present and future gait and cognition. <i>Neurology</i> , <b>2020</b> , 94, e549-e556	6.5	5
480	Cerebral microbleed incidence, relationship to amyloid burden: The Mayo Clinic Study of Aging. <i>Neurology</i> , <b>2020</b> , 94, e190-e199	6.5	20
479	Age at symptom onset and death and disease duration in genetic frontotemporal dementia: an international retrospective cohort study. <i>Lancet Neurology</i> , <b>2020</b> , 19, 145-156	24.1	90
478	Brain imaging measurements of fibrillar amyloid- $\beta$ burden, paired helical filament tau burden, and atrophy in cognitively unimpaired persons with two, one, and no copies of the APOE $\epsilon$ 4 allele. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, 598-609	1.2	10
477	Incidence of frontotemporal disorders in Olmsted County: A population-based study. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, 482-490	1.2	6
476	Clinical and volumetric changes with increasing functional impairment in familial frontotemporal lobar degeneration. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, 49-59	1.2	17
475	Tau-positron emission tomography correlates with neuropathology findings. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, 561-571	1.2	52



474	Longitudinal flortaucipir ([F]AV-1451) PET imaging in primary progressive apraxia of speech. <i>Cortex</i> , <b>2020</b> , 124, 33-43	3.8	3
473	EAmyloid PET and neuropathology in dementia with Lewy bodies. <i>Neurology</i> , <b>2020</b> , 94, e282-e291	6.5	31
472	EAmyloid and tau biomarkers and clinical phenotype in dementia with Lewy bodies. <i>Neurology</i> , <b>2020</b> , 95, e3257-e3268	6.5	18
471	Association of mid-life serum lipid levels with late-life brain volumes: The atherosclerosis risk in communities neurocognitive study (ARICNCS). <i>NeuroImage</i> , <b>2020</b> , 223, 117324	7.9	2
470	Predicting future rates of tau accumulation on PET. <i>Brain</i> , <b>2020</b> , 143, 3136-3150	11.2	25
469	Reduced fractional anisotropy of the genu of the corpus callosum as a cerebrovascular disease marker and predictor of longitudinal cognition in MCI. <i>Neurobiology of Aging</i> , <b>2020</b> , 96, 176-183	5.6	14
468	Variants in and are associated with higher tau deposition. <i>Brain Communications</i> , <b>2020</b> , 2, fcaa159	4.5	3
467	Quality of life and caregiver burden in familial frontotemporal lobar degeneration: Analyses of symptomatic and asymptomatic individuals within the LEFFTDS cohort. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, 1115-1124	1.2	3
466	Association of Hypertension According to New American College of Cardiology/American Heart Association Blood Pressure Guidelines With Incident Dementia in the ARIC Study Cohort. <i>Journal of the American Heart Association</i> , <b>2020</b> , 9, e017546	6	2
465	Artificial Intelligence-Electrocardiography to Predict Incident Atrial Fibrillation: A Population-Based Study. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2020</b> , 13, e009355	6.4	23
464	Association Between Neuropsychiatric Symptoms and Functional Change in Older Non-Demented Adults: Mayo Clinic Study of Aging. <i>Journal of Alzheimer's Disease</i> , <b>2020</b> , 78, 911-917	4.3	2
463	Dementia in late-onset epilepsy: The Atherosclerosis Risk in Communities study. <i>Neurology</i> , <b>2020</b> , 95, e3248-e3256	6.5	11
462	Associations Between Plasma Ceramides and Cerebral Microbleeds or Lacunes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2020</b> , 40, 2785-2793	9.4	1
461	The Enigma of Decreasing Dementia Incidence. <i>JAMA Network Open</i> , <b>2020</b> , 3, e2011199	10.4	2
460	Assessment of executive function declines in presymptomatic and mildly symptomatic familial frontotemporal dementia: NIH-EXAMINER as a potential clinical trial endpoint. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, 11-21	1.2	18
459	Chronic Systemic Inflammation Is Associated With Symptoms of Late-Life Depression: The ARIC Study. <i>American Journal of Geriatric Psychiatry</i> , <b>2020</b> , 28, 87-98	6.5	12
458	Individualized atrophy scores predict dementia onset in familial frontotemporal lobar degeneration. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, 37-48	1.2	18
457	Use of the CDR $\beta$ plus NACC FTLD in mild FTLD: Data from the ARTFL/LEFFTDS consortium. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, 79-90	1.2	23

456	Brain amyloid, cortical thickness, and changes in activities of daily living. <i>Annals of Clinical and Translational Neurology</i> , <b>2020</b> , 7, 474-485	5.3	1
455	Association between transactive response DNA-binding protein of 43 kDa type and cognitive resilience to Alzheimer's disease: a case-control study. <i>Neurobiology of Aging</i> , <b>2020</b> , 92, 92-97	5.6	4
454	Plasma phospholipid very-long-chain SFAs in midlife and 20-year cognitive change in the Atherosclerosis Risk in Communities (ARIC): a cohort study. <i>American Journal of Clinical Nutrition</i> , <b>2020</b> , 111, 1252-1258	7	5
453	Population-Based Evaluation of Lumbar Puncture Opening Pressures. <i>Frontiers in Neurology</i> , <b>2019</b> , 10, 899	4.1	6
452	Automatic extraction and assessment of lifestyle exposures for Alzheimer's disease using natural language processing. <i>International Journal of Medical Informatics</i> , <b>2019</b> , 130, 103943	5.3	9
451	The bivariate distribution of amyloid- $\beta$ and tau: relationship with established neurocognitive clinical syndromes. <i>Brain</i> , <b>2019</b> , 142, 3230-3242	11.2	77
450	Cognitive function after surgery with regional or general anesthesia: A population-based study. <i>Alzheimer's and Dementia</i> , <b>2019</b> , 15, 1243-1252	1.2	8
449	Cardiometabolic Health and Longitudinal Progression of White Matter Hyperintensity: The Mayo Clinic Study of Aging. <i>Stroke</i> , <b>2019</b> , 50, 3037-3044	6.7	15
448	Elevated Plasma Ceramides Are Associated With Higher White Matter Hyperintensity Volume-Brief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2019</b> , 39, 2431-2436	9.4	5
447	Antemortem volume loss mirrors TDP-43 staging in older adults with non-frontotemporal lobar degeneration. <i>Brain</i> , <b>2019</b> , 142, 3621-3635	11.2	22
446	Association of white matter microstructural integrity with cognition and dementia. <i>Neurobiology of Aging</i> , <b>2019</b> , 83, 63-72	5.6	17
445	Tracking white matter degeneration in asymptomatic and symptomatic MAPT mutation carriers. <i>Neurobiology of Aging</i> , <b>2019</b> , 83, 54-62	5.6	9
444	Longitudinal multimodal imaging and clinical endpoints for frontotemporal dementia clinical trials. <i>Brain</i> , <b>2019</b> , 142, 443-459	11.2	40
443	The influence of tau, amyloid, alpha-synuclein, TDP-43, and vascular pathology in clinically normal elderly individuals. <i>Neurobiology of Aging</i> , <b>2019</b> , 77, 26-36	5.6	32
442	Neuroimaging findings in midlife and risk of late-life dementia over 20 years of follow-up. <i>Neurology</i> , <b>2019</b> , 92, e917-e923	6.5	8
441	The Association of Late-Life Diabetes Status and Hyperglycemia With Incident Mild Cognitive Impairment and Dementia: The ARIC Study. <i>Diabetes Care</i> , <b>2019</b> , 42, 1248-1254	14.6	45
440	A nonsynonymous mutation in PLCG2 reduces the risk of Alzheimer's disease, dementia with Lewy bodies and frontotemporal dementia, and increases the likelihood of longevity. <i>Acta Neuropathologica</i> , <b>2019</b> , 138, 237-250	14.3	50
439	Progressive agrammatic aphasia without apraxia of speech as a distinct syndrome. <i>Brain</i> , <b>2019</b> , 142, 2466-2482	11.8	18

438	Associations of Amyloid, Tau, and Neurodegeneration Biomarker Profiles With Rates of Memory Decline Among Individuals Without Dementia. <i>JAMA - Journal of the American Medical Association</i> , <b>2019</b> , 321, 2316-2325	27.4	115
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436	Neuropsychological subtypes of incident mild cognitive impairment in the Mayo Clinic Study of Aging. <i>Alzheimer's and Dementia</i> , <b>2019</b> , 15, 878-887	1.2	25
435	Neuroimaging correlates with neuropathologic schemes in neurodegenerative disease. <i>Alzheimer's and Dementia</i> , <b>2019</b> , 15, 927-939	1.2	30
434	Cross-sectional associations of tau-PET signal with cognition in cognitively unimpaired adults. <i>Neurology</i> , <b>2019</b> , 93, e29-e39	6.5	36
433	Plasma and CSF neurofilament light: Relation to longitudinal neuroimaging and cognitive measures. <i>Neurology</i> , <b>2019</b> , 93, e252-e260	6.5	81
432	White matter hyperintensities: relationship to amyloid and tau burden. <i>Brain</i> , <b>2019</b> , 142, 2483-2491	11.2	62
431	Association of Brain Magnetic Resonance Imaging Signs With Cognitive Outcomes in Persons With Nonimpaired Cognition and Mild Cognitive Impairment. <i>JAMA Network Open</i> , <b>2019</b> , 2, e193359	10.4	23
430	Longitudinal tau-PET uptake and atrophy in atypical Alzheimer's disease. <i>NeuroImage: Clinical</i> , <b>2019</b> , 23, 101823	5.3	27
429	A brief history of "Alzheimer disease": Multiple meanings separated by a common name. <i>Neurology</i> , <b>2019</b> , 92, 1053-1059	6.5	22
428	Brain atrophy in primary age-related tauopathy is linked to transactive response DNA-binding protein of 43 kDa. <i>Alzheimer's and Dementia</i> , <b>2019</b> , 15, 799-806	1.2	11
427	Plasma Metabolites Associated with Brain MRI Measures of Neurodegeneration in Older Adults in the Atherosclerosis Risk in Communities? Neurocognitive Study (ARIC-NCS). <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	3
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422	Neural correlates of domain-specific cognitive decline: The ARIC-NCS Study. <i>Neurology</i> , <b>2019</b> , 92, e1051-61063	6.1	64
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4 <sup>20</sup>	Cognitive Reserve in Midlife is not Associated with Amyloid-Deposition in Late-Life. <i>Journal of Alzheimer's Disease</i> , <b>2019</b> , 68, 517-521	4.3	4
4 <sup>19</sup>	Relationship Between Risk Factors and Brain Reserve in Late Middle Age: Implications for Cognitive Aging. <i>Frontiers in Aging Neuroscience</i> , <b>2019</b> , 11, 355	5.3	14
4 <sup>18</sup>	The Association of Multimorbidity With Preclinical AD Stages and SNAP in Cognitively Unimpaired Persons. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2019</b> , 74, 877-883	6.4	10
4 <sup>17</sup>	Association of non-exercise physical activity in mid- and late-life with cognitive trajectories and the impact of APOE $\epsilon$ genotype status: the Mayo Clinic Study of Aging. <i>European Journal of Ageing</i> , <b>2019</b> , 16, 491-502	3.6	2
4 <sup>16</sup>	Association of Midlife to Late-Life Blood Pressure Patterns With Incident Dementia. <i>JAMA - Journal of the American Medical Association</i> , <b>2019</b> , 322, 535-545	27.4	116
4 <sup>15</sup>	Informant-based hearing difficulties and the risk for mild cognitive impairment and dementia. <i>Age and Ageing</i> , <b>2019</b> , 48, 888-894	3	8
4 <sup>14</sup>	Rates of lobar atrophy in asymptomatic mutation carriers. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , <b>2019</b> , 5, 338-346	6	13
4 <sup>13</sup>	Prevalence of Biologically vs Clinically Defined Alzheimer Spectrum Entities Using the National Institute on Aging-Alzheimer's Association Research Framework. <i>JAMA Neurology</i> , <b>2019</b> ,	17.2	106
4 <sup>12</sup>	High-Sensitive Troponin T, Natriuretic Peptide, and Cognitive Change. <i>Journal of the American Geriatrics Society</i> , <b>2019</b> , 67, 2353-2361	5.6	2
4 <sup>11</sup>	Comparison of the Short Test of Mental Status and the Montreal Cognitive Assessment Across the Cognitive Spectrum. <i>Mayo Clinic Proceedings</i> , <b>2019</b> , 94, 1516-1523	6.4	20
4 <sup>10</sup>	Exposure to surgery under general anaesthesia and brain magnetic resonance imaging changes in older adults. <i>British Journal of Anaesthesia</i> , <b>2019</b> , 123, 808-817	5.4	7
4 <sup>09</sup>	Extensive transcriptomic study emphasizes importance of vesicular transport in C9orf72 expansion carriers. <i>Acta Neuropathologica Communications</i> , <b>2019</b> , 7, 150	7.3	18
4 <sup>08</sup>	Associations Between Left Ventricular Structure, Function, and Cerebral Amyloid: The ARIC-PET Study. <i>Stroke</i> , <b>2019</b> , 50, 3622-3624	6.7	3
4 <sup>07</sup>	Association of Apolipoprotein E $\epsilon$ 4, Educational Level, and Sex With Tau Deposition and Tau-Mediated Metabolic Dysfunction in Older Adults. <i>JAMA Network Open</i> , <b>2019</b> , 2, e1913909	10.4	22
4 <sup>06</sup>	Amyloid, Vascular, and Resilience Pathways Associated with Cognitive Aging. <i>Annals of Neurology</i> , <b>2019</b> , 86, 866-877	9.4	20
4 <sup>05</sup>	Incidence of Convexal Subarachnoid Hemorrhage in the Elderly: The Mayo Clinic Study of Aging. <i>Journal of Stroke and Cerebrovascular Diseases</i> , <b>2019</b> , 28, 104451	2.8	1
4 <sup>04</sup>	Comparison of variables associated with cerebrospinal fluid neurofilament, total-tau, and neurogranin. <i>Alzheimer's and Dementia</i> , <b>2019</b> , 15, 1437-1447	1.2	20
4 <sup>03</sup>	Systemic inflammation during midlife and cognitive change over 20 years: The ARIC Study. <i>Neurology</i> , <b>2019</b> , 92, e1256-e1267	6.5	65

402	Frontal lobe H MR spectroscopy in asymptomatic and symptomatic mutation carriers. <i>Neurology</i> , <b>2019</b> , 93, e758-e765	6.5	10
401	Relationship Between Domain-Specific Cognitive Function and Speech-in-Noise Performance in Older Adults: The Atherosclerosis Risk in Communities Hearing Pilot Study. <i>American Journal of Audiology</i> , <b>2019</b> , 28, 1006-1014	1.8	5
400	Entorhinal cortex tau, amyloid- $\beta$ cortical thickness and memory performance in non-demented subjects. <i>Brain</i> , <b>2019</b> , 142, 1148-1160	11.2	49
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398	Functional Activity and Neuropsychiatric Symptoms in Normal Aging and Mild Cognitive Impairment: The Mayo Clinic Study of Aging. <i>Alzheimer Disease and Associated Disorders</i> , <b>2019</b> , 33, 68-71 <sup>2.5</sup>		4
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394	Association of Dietary Patterns in Midlife and Cognitive Function in Later Life in US Adults Without Dementia. <i>JAMA Network Open</i> , <b>2019</b> , 2, e1916641	10.4	7
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390	Association of Cerebrospinal Fluid Neurofilament Light Protein With Risk of Mild Cognitive Impairment Among Individuals Without Cognitive Impairment. <i>JAMA Neurology</i> , <b>2019</b> , 76, 187-193	17.2	42
389	Retinal signs and risk of incident dementia in the Atherosclerosis Risk in Communities study. <i>Alzheimer's and Dementia</i> , <b>2019</b> , 15, 477-486	1.2	17
388	Impaired Lung Function, Lung Disease, and Risk of Incident Dementia. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2019</b> , 199, 1385-1396	10.2	37
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383	Early-Phase Randomized Clinical Trials-Expectations vs Hard Reality. <i>JAMA Neurology</i> , <b>2019</b> , 76, 15-16	17.2	
382	Leisure-time physical activity sustained since midlife and preservation of cognitive function: The Atherosclerosis Risk in Communities Study. <i>Alzheimer's and Dementia</i> , <b>2019</b> , 15, 273-281	1.2	22
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372	Measuring cognition and function in the preclinical stage of Alzheimer's disease. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , <b>2018</b> , 4, 64-75	6	61
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365	Elevated medial temporal lobe and pervasive brain tau-PET signal in normal participants. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , <b>2018</b> , 10, 210-216	5.2	11
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363	Tau-negative amnesic dementia masquerading as Alzheimer disease dementia. <i>Neurology</i> , <b>2018</b> , 90, e940-e946	6.5	19
362	In vivo F-AV-1451 tau PET signal in mutation carriers varies by expected tau isoforms. <i>Neurology</i> , <b>2018</b> , 90, e947-e954	6.5	37
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352	Olfactory function and neurocognitive outcomes in old age: The Atherosclerosis Risk in Communities Neurocognitive Study. <i>Alzheimer's and Dementia</i> , <b>2018</b> , 14, 1015-1021	1.2	12
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350	Disrupted functional connectivity in primary progressive apraxia of speech. <i>NeuroImage: Clinical</i> , <b>2018</b> , 18, 617-629	5.3	19
349	Arterial stiffness and dementia pathology: Atherosclerosis Risk in Communities (ARIC)-PET Study. <i>Neurology</i> , <b>2018</b> , 90, e1248-e1256	6.5	76

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347	FDG-PET in tau-negative amnesic dementia resembles that of autopsy-proven hippocampal sclerosis. <i>Brain</i> , <b>2018</b> , 141, 1201-1217	11.2	46
346	Pittsburgh compound-B PET white matter imaging and cognitive function in late multiple sclerosis. <i>Multiple Sclerosis Journal</i> , <b>2018</b> , 24, 739-749	5	25
345	Sleep characteristics and risk of dementia and Alzheimer's disease: The Atherosclerosis Risk in Communities Study. <i>Alzheimer's and Dementia</i> , <b>2018</b> , 14, 157-166	1.2	70
344	Association of midlife lipids with 20-year cognitive change: A cohort study. <i>Alzheimer's and Dementia</i> , <b>2018</b> , 14, 167-177	1.2	48
343	Subjective cognitive decline and risk of MCI: The Mayo Clinic Study of Aging. <i>Neurology</i> , <b>2018</b> , 91, e300-e307	1.2	101
342	TDP-43 and Alzheimer's Disease Pathologic Subtype in Non-Amnesic Alzheimer's Disease Dementia. <i>Journal of Alzheimer's Disease</i> , <b>2018</b> , 64, 1227-1233	4.3	16
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334	Pittsburgh compound B (PiB) PET imaging of meningioma and other intracranial tumors. <i>Journal of Neuro-Oncology</i> , <b>2018</b> , 136, 373-378	4.8	5
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330	P2-334: THE INFLUENCE OF BETA-AMYLOID ON THE PROGRESSION OF PROGRESSIVE APRAXIA OF SPEECH <b>2018</b> , 14, P810-P811		1
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319	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. <i>Nature Communications</i> , <b>2018</b> , 9, 2098	17.4	254
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309	Contributions of imprecision in PET-MRI rigid registration to imprecision in amyloid PET SUVR measurements. <i>Human Brain Mapping</i> , <b>2017</b> , 38, 3323-3336	5.9	19
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300	Alzheimer Disease: Scientific Breakthroughs and Translational Challenges. <i>Mayo Clinic Proceedings</i> , <b>2017</b> , 92, 978-994	6.4	45
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293	Prevalence and Natural History of Superficial Siderosis: A Population-Based Study. <i>Stroke</i> , <b>2017</b> , 48, 3210-3214	6.3	24
292	Tau, amyloid, and cascading network failure across the Alzheimer's disease spectrum. <i>Cortex</i> , <b>2017</b> , 97, 143-159	3.8	105
291	Midlife systemic inflammatory markers are associated with late-life brain volume: The ARIC study. <i>Neurology</i> , <b>2017</b> , 89, 2262-2270	6.5	59
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261	[P2815]: THE MAYO CLINIC ADULT LIFESPAN TEMPLATE: BETTER QUANTIFICATION ACROSS THE LIFESPAN <b>2017</b> , 13, P792-P792		22
260	[P4015]: INTERNATIONAL SCIENTIFIC, ETHICAL AND REGULATORY REVIEW FOR ALZHEIMER® CLINICAL TRIALS <b>2017</b> , 13, P1259-P1259		
259	[IC-P-122]: THE MAYO CLINIC ADULT LIFE SPAN TEMPLATE: BETTER QUANTIFICATION ACROSS THE LIFE SPAN <b>2017</b> , 13, P93-P94		17

258	[O10902]: RELATIONSHIPS OF VERY SMALL, INFARCT-LIKE LESIONS WITH 20-YEAR COGNITIVE DECLINE: THE ARIC STUDY <b>2017</b> , 13, P211		
257	[O10205]: CONTINUOUS MEASURES OF AMYLOIDOSIS AND CORTICAL THICKNESS IN RELATION TO COGNITIVE DECLINE IN COGNITIVELY NORMAL INDIVIDUALS: A POPULATION-BASED STUDY <b>2017</b> , 13, P223-P224		
256	[O20204]: EFFECTS OF CEREBROVASCULAR INFARCT BURDEN ON COGNITIVE DECLINE IN THE PRESENCE OF DEMENTIA AND DEATH: ACCOUNTING FOR POTENTIALLY INFORMATIVE DROPOUT USING COMPETING RISK SHARED PARAMETER MODELS: THE ARIC STUDY <b>2017</b> , 13, P586		
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216	Multimorbidity and neuroimaging biomarkers among cognitively normal persons. <i>Neurology</i> , <b>2016</b> , 86, 2077-84	6.5	17
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204	Two authors reply. <i>American Journal of Epidemiology</i> , <b>2015</b> , 181, 292-3	3.8	
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