

# Barbara B Bendlin

## List of Publications by Year in descending order

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Version: 2024-02-01

273  
papers

9,218  
citations

38660

50  
h-index

49773

87  
g-index

331  
all docs

331  
docs citations

331  
times ranked

12884  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gut microbiome alterations in Alzheimer's disease. <i>Scientific Reports</i> , 2017, 7, 13537.	1.6	1,256
2	Association of Insulin Resistance With Cerebral Glucose Uptake in Late Middle-Aged Adults at Risk for Alzheimer Disease. <i>JAMA Neurology</i> , 2015, 72, 1013.	4.5	305
3	Longitudinal changes in patients with traumatic brain injury assessed with diffusion-tensor and volumetric imaging. <i>NeuroImage</i> , 2008, 42, 503-514.	2.1	296
4	The gut microbiota-derived metabolite trimethylamine N-oxide is elevated in Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 124.	3.0	273
5	Biomarkers for Alzheimer's disease—preparing for a new era of disease-modifying therapies. <i>Molecular Psychiatry</i> , 2021, 26, 296-308.	4.1	205
6	Insulin resistance predicts brain amyloid deposition in late middle-aged adults. <i>Alzheimer's and Dementia</i> , 2015, 11, 504.	0.4	196
7	Amyloid burden is associated with self-reported sleep in nondemented late middle-aged adults. <i>Neurobiology of Aging</i> , 2015, 36, 2568-2576.	1.5	183
8	Physical activity attenuates age-related biomarker alterations in preclinical AD. <i>Neurology</i> , 2014, 83, 1753-1760.	1.5	181
9	Insulin Resistance, Brain Atrophy, and Cognitive Performance in Late Middle-Aged Adults. <i>Diabetes Care</i> , 2013, 36, 443-449.	4.3	173
10	The Wisconsin Registry for Alzheimer's Prevention: A review of findings and current directions. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2018, 10, 130-142.	1.2	169
11	Amyloid burden and neural function in people at risk for Alzheimer's Disease. <i>Neurobiology of Aging</i> , 2014, 35, 576-584.	1.5	166
12	Poor sleep is associated with CSF biomarkers of amyloid pathology in cognitively normal adults. <i>Neurology</i> , 2017, 89, 445-453.	1.5	166
13	Association of Amyloid Pathology With Myelin Alteration in Preclinical Alzheimer Disease. <i>JAMA Neurology</i> , 2017, 74, 41.	4.5	147
14	White Matter in Aging and Cognition: A Cross-Sectional Study of Microstructure in Adults Aged Eighteen to Eighty-Three. <i>Developmental Neuropsychology</i> , 2010, 35, 257-277.	1.0	142
15	Associations between white matter microstructure and amyloid burden in preclinical Alzheimer's disease: A multimodal imaging investigation. <i>NeuroImage: Clinical</i> , 2014, 4, 604-614.	1.4	119
16	Regional white matter hyperintensities: aging, Alzheimer's disease risk, and cognitive function. <i>Neurobiology of Aging</i> , 2014, 35, 769-776.	1.5	110
17	White matter is altered with parental family history of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2010, 6, 394-403.	0.4	109
18	Microstructural white matter alterations in preclinical Alzheimer's disease detected using free water elimination diffusion tensor imaging. <i>PLoS ONE</i> , 2017, 12, e0173982.	1.1	104

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19	The effect of <i>TOMM40</i> poly- $\epsilon$ T length on gray matter volume and cognition in middle-aged persons with <i>APOE</i> $\epsilon$ 3/ $\epsilon$ 3 genotype. <i>Alzheimer's and Dementia</i> , 2011, 7, 456-465.	0.4	103
20	Cerebrospinal Fluid Markers of Alzheimer's Disease Pathology and Microglial Activation are Associated with Altered White Matter Microstructure in Asymptomatic Adults at Risk for Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016, 50, 873-886.	1.2	101
21	Occupational Complexity and Cognitive Reserve in a Middle-Aged Cohort at Risk for Alzheimer's Disease. <i>Archives of Clinical Neuropsychology</i> , 2015, 30, 634-642.	0.3	96
22	Longitudinal diffusion tensor imaging and neuropsychological correlates in traumatic brain injury patients. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 160.	1.0	95
23	Pathway-Specific Polygenic Risk Scores as Predictors of Amyloid- $\beta$ Deposition and Cognitive Function in a Sample at Increased Risk for Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016, 55, 473-484.	1.2	93
24	Association of Neighborhood-Level Disadvantage With Alzheimer Disease Neuropathology. <i>JAMA Network Open</i> , 2020, 3, e207559.	2.8	92
25	Subjective memory complaints, cortical thinning, and cognitive dysfunction in middle-age adults at risk of AD. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2015, 1, 33-40.	1.2	90
26	Cerebral Blood Flow is Diminished in Asymptomatic Middle-Aged Adults with Maternal History of Alzheimer's Disease. <i>Cerebral Cortex</i> , 2014, 24, 978-988.	1.6	85
27	Cardiorespiratory fitness is associated with brain structure, cognition, and mood in a middle-aged cohort at risk for Alzheimer's disease. <i>Brain Imaging and Behavior</i> , 2015, 9, 639-649.	1.1	85
28	CSF T-Tau/ $A\beta$ 242 Predicts White Matter Microstructure in Healthy Adults at Risk for Alzheimer's Disease. <i>PLoS ONE</i> , 2012, 7, e37720.	1.1	84
29	Longitudinal Volumetric Changes following Traumatic Brain Injury: A Tensor-Based Morphometry Study. <i>Journal of the International Neuropsychological Society</i> , 2012, 18, 1006-1018.	1.2	82
30	Cerebrospinal Fluid and Plasma Levels of Inflammation Differentially Relate to CNS Markers of Alzheimer's Disease Pathology and Neuronal Damage. <i>Journal of Alzheimer's Disease</i> , 2018, 62, 385-397.	1.2	81
31	Microstructural Diffusion Changes are Independent of Macrostructural Volume Loss in Moderate to Severe Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2010, 19, 963-976.	1.2	80
32	Association of Neighborhood-Level Disadvantage With Cerebral and Hippocampal Volume. <i>JAMA Neurology</i> , 2020, 77, 451.	4.5	80
33	An examination of a novel multipanel of CSF biomarkers in the Alzheimer's disease clinical and pathological continuum. <i>Alzheimer's and Dementia</i> , 2021, 17, 431-445.	0.4	80
34	The influence of parental history of Alzheimer's disease and apolipoprotein E $\epsilon$ 4 on the BOLD signal during recognition memory. <i>Brain</i> , 2008, 132, 383-391.	3.7	79
35	Emergence of Mild Cognitive Impairment in Late Middle-Aged Adults in the Wisconsin Registry for Alzheimer's Prevention. <i>Dementia and Geriatric Cognitive Disorders</i> , 2014, 38, 16-30.	0.7	79
36	Extracting and summarizing white matter hyperintensities using supervised segmentation methods in Alzheimer's disease risk and aging studies. <i>Human Brain Mapping</i> , 2014, 35, 4219-4235.	1.9	76

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37	Neurogranin, a synaptic protein, is associated with memory independent of Alzheimer biomarkers. <i>Neurology</i> , 2017, 89, 1782-1788.	1.5	76
38	Age-related differences in white matter integrity and cognitive function are related to APOE status. <i>NeuroImage</i> , 2011, 54, 1565-1577.	2.1	75
39	Effect of Cognitive Reserve on Age-Related Changes in Cerebrospinal Fluid Biomarkers of Alzheimer Disease. <i>JAMA Neurology</i> , 2015, 72, 699.	4.5	75
40	Optimizing the intrinsic parallel diffusivity in NODDI: An extensive empirical evaluation. <i>PLoS ONE</i> , 2019, 14, e0217118.	1.1	70
41	Measuring longitudinal cognition: Individual tests versus composites. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019, 11, 74-84.	1.2	69
42	Rhesus macaque brain morphometry: A methodological comparison of voxel-wise approaches. <i>Methods</i> , 2010, 50, 157-165.	1.9	68
43	Insulin Resistance is Associated with Higher Cerebrospinal Fluid Tau Levels in Asymptomatic APOE ε4 Carriers. <i>Journal of Alzheimer's Disease</i> , 2015, 46, 525-533.	1.2	65
44	A Calorie-Restricted Diet Decreases Brain Iron Accumulation and Preserves Motor Performance in Old Rhesus Monkeys. <i>Journal of Neuroscience</i> , 2010, 30, 7940-7947.	1.7	64
45	White matter microstructure in late middle-age: Effects of apolipoprotein E4 and parental family history of Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2014, 4, 730-742.	1.4	64
46	Alterations of Myelin Content in Parkinson's Disease: A Cross-Sectional Neuroimaging Study. <i>PLoS ONE</i> , 2016, 11, e0163774.	1.1	63
47	Age-dependent differences in brain tissue microstructure assessed with neurite orientation dispersion and density imaging. <i>Neurobiology of Aging</i> , 2016, 43, 79-88.	1.5	61
48	Cortical Microstructural Alterations in Mild Cognitive Impairment and Alzheimer's Disease Dementia. <i>Cerebral Cortex</i> , 2020, 30, 2948-2960.	1.6	61
49	Beta-amyloid and cognitive decline in late middle age: Findings from the Wisconsin Registry for Alzheimer's Prevention study. <i>Alzheimer's and Dementia</i> , 2016, 12, 805-814.	0.4	59
50	Midlife predictors of Alzheimer's disease. <i>Maturitas</i> , 2010, 65, 131-137.	1.0	58
51	Age-related changes in neural volume and microstructure associated with interleukin-6 are ameliorated by a calorie-restricted diet in old rhesus monkeys. <i>NeuroImage</i> , 2010, 51, 987-994.	2.1	54
52	The Relationship Between Gray Matter Morphometry and Neuropsychological Performance in a Large Sample of Cognitively Healthy Adults. <i>Brain Imaging and Behavior</i> , 2007, 1, 3-10.	1.1	53
53	Multi-resolution statistical analysis of brain connectivity graphs in preclinical Alzheimer's disease. <i>NeuroImage</i> , 2015, 118, 103-117.	2.1	53
54	<i>BDNF</i> Val66Met predicts cognitive decline in the Wisconsin Registry for Alzheimer's Prevention. <i>Neurology</i> , 2017, 88, 2098-2106.	1.5	52

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55	Insulin Resistance is Associated with Increased Levels of Cerebrospinal Fluid Biomarkers of Alzheimer's Disease and Reduced Memory Function in At-Risk Healthy Middle-Aged Adults. <i>Journal of Alzheimer's Disease</i> , 2016, 52, 1373-1383.	1.2	51
56	Cardiorespiratory Fitness Attenuates the Influence of Amyloid on Cognition. <i>Journal of the International Neuropsychological Society</i> , 2015, 21, 841-850.	1.2	49
57	Relationships between cardiorespiratory fitness, hippocampal volume, and episodic memory in a population at risk for Alzheimer's disease. <i>Brain and Behavior</i> , 2017, 7, e00625.	1.0	49
58	Participation in cognitively-stimulating activities is associated with brain structure and cognitive function in preclinical Alzheimer's disease. <i>Brain Imaging and Behavior</i> , 2015, 9, 729-736.	1.1	48
59	Mild Cognitive Impairment in Late Middle Age in the Wisconsin Registry for Alzheimer's Prevention Study: Prevalence and Characteristics Using Robust and Standard Neuropsychological Normative Data. <i>Archives of Clinical Neuropsychology</i> , 2016, 31, 675-688.	0.3	48
60	Evaluation of striatonigral connectivity using probabilistic tractography in Parkinson's disease. <i>NeuroImage: Clinical</i> , 2017, 16, 557-563.	1.4	47
61	Medial prefrontal functional connectivity's Relation to memory self-appraisal accuracy in older adults with and without memory disorders. <i>Neuropsychologia</i> , 2012, 50, 603-611.	0.7	46
62	Deficient Import of Acetyl-CoA into the ER Lumen Causes Neurodegeneration and Propensity to Infections, Inflammation, and Cancer. <i>Journal of Neuroscience</i> , 2014, 34, 6772-6789.	1.7	46
63	Insulin resistance is associated with lower arterial blood flow and reduced cortical perfusion in cognitively asymptomatic middle-aged adults. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 2249-2261.	2.4	46
64	Calorie Restriction Reduces the Influence of Glucoregulatory Dysfunction on Regional Brain Volume in Aged Rhesus Monkeys. <i>Diabetes</i> , 2012, 61, 1036-1042.	0.3	44
65	Cerebrospinal fluid ratios with $A\beta_{42}$ predict preclinical brain $A\beta$ amyloid accumulation. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2016, 2, 27-38.	1.2	44
66	Age-accelerated cognitive decline in asymptomatic adults with CSF $A\beta$ -amyloid. <i>Neurology</i> , 2018, 90, e1306-e1315.	1.5	42
67	Biomarker clusters are differentially associated with longitudinal cognitive decline in late midlife. <i>Brain</i> , 2016, 139, 2261-2274.	3.7	41
68	Mapping the Structural Brain Changes in Alzheimer's Disease: The Independent Contribution of Two Imaging Modalities. <i>Journal of Alzheimer's Disease</i> , 2011, 26, 263-274.	1.2	40
69	<i>KLOTHO</i> heterozygosity attenuates <i>APOE4</i> -related amyloid burden in preclinical AD. <i>Neurology</i> , 2019, 92, e1878-e1889.	1.5	40
70	Multivariate General Linear Models (MGLM) on Riemannian Manifolds with Applications to Statistical Analysis of Diffusion Weighted Images. , 2014, 2014, 2705-2712.		38
71	Moderate Physical Activity is Associated with Cerebral Glucose Metabolism in Adults at Risk for Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017, 58, 1089-1097.	1.2	38
72	Neurodegeneration, synaptic dysfunction, and gliosis are phenotypic of Alzheimer dementia. <i>Neurology</i> , 2018, 91, e436-e443.	1.5	38

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73	Hypertension and obesity moderate the relationship between $\beta$ -amyloid and cognitive decline in midlife. <i>Alzheimer's and Dementia</i> , 2019, 15, 418-428.	0.4	38
74	Longitudinal white matter microstructural change in Parkinson's disease. <i>Human Brain Mapping</i> , 2018, 39, 4150-4161.	1.9	37
75	Calorie restriction reduces psychological stress reactivity and its association with brain volume and microstructure in aged rhesus monkeys. <i>Psychoneuroendocrinology</i> , 2012, 37, 903-916.	1.3	36
76	Midlife measurements of white matter microstructure predict subsequent regional white matter atrophy in healthy adults. <i>Human Brain Mapping</i> , 2014, 35, 2044-2054.	1.9	35
77	Cardiorespiratory fitness alters the influence of a polygenic risk score on biomarkers of AD. <i>Neurology</i> , 2017, 88, 1650-1658.	1.5	35
78	Brain volumetric and microstructural correlates of executive and motor performance in aged rhesus monkeys. <i>Frontiers in Aging Neuroscience</i> , 2012, 4, 31.	1.7	34
79	White Matter Microstructural Integrity and Executive Function in Parkinson's Disease. <i>Journal of the International Neuropsychological Society</i> , 2013, 19, 349-354.	1.2	34
80	Amyloid burden, cortical thickness, and cognitive function in the Wisconsin Registry for Alzheimer's Prevention. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2015, 1, 160-169.	1.2	34
81	Impact of sex and <i>APOE</i> $\epsilon$ 4 on age-related cerebral perfusion trajectories in cognitively asymptomatic middle-aged and older adults: A longitudinal study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 3016-3027.	2.4	33
82	Association of longitudinal white matter degeneration and cerebrospinal fluid biomarkers of neurodegeneration, inflammation and Alzheimer's disease in late-middle-aged adults. <i>Brain Imaging and Behavior</i> , 2019, 13, 41-52.	1.1	32
83	Association of Neighborhood Context, Cognitive Decline, and Cortical Change in an Unimpaired Cohort. <i>Neurology</i> , 2021, 96, e2500-e2512.	1.5	32
84	A Calorie-Restricted Diet Decreases Brain Iron Accumulation and Preserves Motor Performance in Old Rhesus Monkeys. <i>Journal of Neuroscience</i> , 2012, 32, 11897-11904.	1.7	31
85	The link between type 2 diabetes and dementia: from biomarkers to treatment. <i>Lancet Diabetes and Endocrinology</i> , 2020, 8, 736-738.	5.5	29
86	Alzheimer's disease biomarkers in Black and non-Hispanic White cohorts: A contextualized review of the evidence. <i>Alzheimer's and Dementia</i> , 2022, 18, 1545-1564.	0.4	29
87	Intracranial arterial four-dimensional flow is associated with metrics of brain health and Alzheimer's disease. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2015, 1, 420-428.	1.2	28
88	Comparison of different MRI-based morphometric estimates for defining neurodegeneration across the Alzheimer's disease continuum. <i>NeuroImage: Clinical</i> , 2019, 23, 101895.	1.4	28
89	Meeting physical activity recommendations may be protective against temporal lobe atrophy in older adults at risk for Alzheimer's disease. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2016, 4, 14-17.	1.2	27
90	Cross-sectional and longitudinal associations between total and regional white matter hyperintensity volume and cognitive and motor function in Parkinson's disease. <i>NeuroImage: Clinical</i> , 2019, 23, 101870.	1.4	27

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91	Fitness, independent of physical activity is associated with cerebral blood flow in adults at risk for Alzheimer's disease. <i>Brain Imaging and Behavior</i> , 2020, 14, 1154-1163.	1.1	27
92	Brain aging in temporal lobe epilepsy: Chronological, structural, and functional. <i>NeuroImage: Clinical</i> , 2020, 25, 102183.	1.4	27
93	Homocysteine, neural atrophy, and the effect of caloric restriction in rhesus monkeys. <i>Neurobiology of Aging</i> , 2012, 33, 670-680.	1.5	26
94	Long-term Variability in Glycemic Control Is Associated With White Matter Hyperintensities in APOE4 Genotype Carriers With Type 2 Diabetes. <i>Diabetes Care</i> , 2016, 39, 1056-1059.	4.3	24
95	Cerebrospinal fluid biomarkers of neurofibrillary tangles and synaptic dysfunction are associated with longitudinal decline in white matter connectivity: A multi-resolution graph analysis. <i>NeuroImage: Clinical</i> , 2019, 21, 101586.	1.4	24
96	Neuroimaging and biomarker evidence of neurodegeneration in asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 589-598.e6.	1.5	24
97	Caffeine attenuates practice effects in word stem completion as measured by fMRI BOLD signal. <i>Human Brain Mapping</i> , 2007, 28, 654-662.	1.9	23
98	Rate of [ <sup>18</sup> F]fluorodopa uptake decline in striatal subregions in Parkinson's disease. <i>Movement Disorders</i> , 2011, 26, 614-620.	2.2	23
99	Amyloid Burden, Neuronal Function, and Cognitive Decline in Middle-Aged Adults at Risk for Alzheimer's Disease. <i>Journal of the International Neuropsychological Society</i> , 2014, 20, 422-433.	1.2	23
100	Differential effects of neurodegeneration biomarkers on subclinical cognitive decline. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2019, 5, 129-138.	1.8	22
101	Inflammation, tau pathology, and synaptic integrity associated with sleep spindles and memory prior to $\beta$ -amyloid positivity. <i>Sleep</i> , 2022, 45, .	0.6	22
102	Posterior Cingulate and Lateral Parietal Gray Matter Volume in Older Adults with Depressive Symptoms. <i>Brain Imaging and Behavior</i> , 2009, 3, 233-239.	1.1	21
103	Anti-inflammatory drugs reduce age-related decreases in brain volume in cognitively normal older adults. <i>Neurobiology of Aging</i> , 2011, 32, 497-505.	1.5	21
104	Calorie restriction attenuates astrogliosis but not amyloid plaque load in aged rhesus macaques: A preliminary quantitative imaging study. <i>Brain Research</i> , 2013, 1508, 1-8.	1.1	20
105	Fornix Microstructure and Memory Performance Is Associated with Altered Neural Connectivity during Episodic Recognition. <i>Journal of the International Neuropsychological Society</i> , 2016, 22, 191-204.	1.2	19
106	Elevated Insulin and Insulin Resistance are Associated with Altered Myelin in Cognitively Unimpaired Middle-Aged Adults. <i>Obesity</i> , 2019, 27, 1464-1471.	1.5	19
107	Antidiabetic therapies and Alzheimer disease. <i>Dialogues in Clinical Neuroscience</i> , 2019, 21, 83-91.	1.8	19
108	Factors Associated with Lumbar Puncture Participation in Alzheimer's Disease Research. <i>Journal of Alzheimer's Disease</i> , 2020, 77, 1559-1567.	1.2	19

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109	Age-Related Changes in Inter-Network Connectivity by Component Analysis. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 237.	1.7	18
110	Interaction of amyloid and tau on cortical microstructure in cognitively unimpaired adults. <i>Alzheimer's and Dementia</i> , 2022, 18, 65-76.	0.4	18
111	Association of the Haptoglobin Gene Polymorphism With Cognitive Function and Decline in Elderly African American Adults With Type 2 Diabetes. <i>JAMA Network Open</i> , 2018, 1, e184458.	2.8	17
112	Cardiorespiratory fitness attenuates age-associated aggregation of white matter hyperintensities in an at-risk cohort. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 97.	3.0	17
113	Canonical Correlation Analysis on Riemannian Manifolds and Its Applications. <i>Lecture Notes in Computer Science</i> , 2014, 8690, 251-267.	1.0	17
114	Insights from the IronTract challenge: Optimal methods for mapping brain pathways from multi-shell diffusion MRI. <i>NeuroImage</i> , 2022, 257, 119327.	2.1	17
115	A dual-tracer study of extrastriatal <sup>18</sup> F-fluoro-D-tyrosine and <sup>18</sup> F-fluoro-DOPA uptake in Parkinson's disease. <i>Synapse</i> , 2014, 68, 325-331.	0.6	16
116	Intracranial Arterial 4D Flow in Individuals with Mild Cognitive Impairment is Associated with Cognitive Performance and Amyloid Positivity. <i>Journal of Alzheimer's Disease</i> , 2017, 60, 243-252.	1.2	15
117	NSAIDs may protect against age-related brain atrophy. <i>Frontiers in Aging Neuroscience</i> , 2010, 2, .	1.7	14
118	Association of Cardiovascular and Alzheimer's Disease Risk Factors with Intracranial Arterial Blood Flow in Whites and African Americans. <i>Journal of Alzheimer's Disease</i> , 2019, 72, 919-929.	1.2	14
119	A within-subject comparison of <sup>18</sup> F-fluoro-D-tyrosine and <sup>18</sup> F-fluoro-DOPA in Parkinson's disease. <i>Movement Disorders</i> , 2011, 26, 2032-2038.	2.2	13
120	Self-reported health behaviors and longitudinal cognitive performance in late middle age: Results from the Wisconsin Registry for Alzheimer's Prevention. <i>PLoS ONE</i> , 2020, 15, e0221985.	1.1	13
121	Haptoglobin 1-1 Genotype Modulates the Association of Glycemic Control With Hippocampal Volume in Elderly Individuals With Type 2 Diabetes. <i>Diabetes</i> , 2017, 66, 2927-2932.	0.3	13
122	A longitudinal study of motor performance and striatal [ <sup>18</sup> F]fluorodopa uptake in Parkinson's disease. <i>Brain Imaging and Behavior</i> , 2011, 5, 203-211.	1.1	12
123	Family history and TOMM40 '523 interactive associations with memory in middle-aged and Alzheimer's disease cohorts. <i>Alzheimer's and Dementia</i> , 2017, 13, 1217-1225.	0.4	12
124	Higher BMI is associated with smaller regional brain volume in older adults with type 2 diabetes. <i>Diabetologia</i> , 2020, 63, 2446-2451.	2.9	12
125	Associations Between Positron Emission Tomography Amyloid Pathology and Diffusion Tensor Imaging Brain Connectivity in Pre-Clinical Alzheimer's Disease. <i>Brain Connectivity</i> , 2019, 9, 162-173.	0.8	11
126	The Israel Registry for Alzheimer's Prevention (IRAP) Study: Design and Baseline Characteristics. <i>Journal of Alzheimer's Disease</i> , 2020, 78, 777-788.	1.2	11



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127	Rhesus monkeys as a translational model for late-onset Alzheimer's disease. <i>Aging Cell</i> , 2021, 20, e13374.	3.0	10
128	Effects of simvastatin on white matter integrity in healthy middle-aged adults. <i>Annals of Clinical and Translational Neurology</i> , 2021, 8, 1656-1667.	1.7	10
129	Age-related differences in white matter microstructure measured by advanced diffusion MRI in healthy older adults at risk for Alzheimer's disease. <i>Aging Brain</i> , 2022, 2, 100030.	0.7	10
130	Cohort study of electroencephalography markers of amyloid-tau-neurodegeneration pathology. <i>Brain Communications</i> , 2020, 2, fcaa099.	1.5	9
131	Effect of age and calorie restriction on corpus callosal integrity in rhesus macaques: A fiber tractography study. <i>Neuroscience Letters</i> , 2014, 569, 38-42.	1.0	8
132	Cardiorespiratory Fitness Modifies Influence of Sleep Problems on Cerebrospinal Fluid Biomarkers in an At-Risk Cohort. <i>Journal of Alzheimer's Disease</i> , 2019, 69, 111-121.	1.2	8
133	Crosswalk study on blood collection tube types for Alzheimer's disease biomarkers. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2022, 14, e12266.	1.2	8
134	A double-blind placebo-controlled clinical trial testing the effect of hyperbaric oxygen therapy on brain and cognitive outcomes of mildly cognitively impaired elderly with type 2 diabetes: Study design. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2020, 6, e12008.	1.8	7
135	Neurodegeneration, Alzheimer's disease biomarkers, and longitudinal verbal learning and memory performance in late middle age. <i>Neurobiology of Aging</i> , 2021, 102, 151-160.	1.5	6
136	Diffeomorphic metric mapping and probabilistic atlas generation of hybrid diffusion imaging based on BFOR signal basis. <i>Medical Image Analysis</i> , 2014, 18, 1002-1014.	7.0	5
137	Coupled Harmonic Bases for Longitudinal Characterization of Brain Networks. , 2016, 2016, 2517-2525.		5
138	Association of Neighborhood-Level Disadvantage With Neurofibrillary Tangles on Neuropathological Tissue Assessment. <i>JAMA Network Open</i> , 2022, 5, e228966.	2.8	5
139	Statistical inference models for image datasets with systematic variations. , 2015, 2015, 4795-4803.		4
140	Lifetime Physical Activity and White Matter Hyperintensities in Cognitively Intact Adults. <i>Nursing Research</i> , 2019, 68, 210-217.	0.8	4
141	Posteromedial hyperactivation during episodic recognition among people with memory decline: findings from the WRAP study. <i>Brain Imaging and Behavior</i> , 2015, 9, 690-702.	1.1	3
142	IC-P-178: Occupational Complexity, Cognitive Reserve, and White Matter Hyperintensities: Findings from The Wisconsin Registry for Alzheimer's Prevention. , 2016, 12, P130-P130.		3
143	[O2-05-06]: GUT MICROBIOME ALTERATIONS IN ALZHEIMER'S DISEASE AND THE RELATIONSHIP WITH CSF BIOMARKERS. <i>Alzheimer's and Dementia</i> , 2017, 13, P563.	0.4	3
144	An Examination of Brain Abnormalities and Mobility in Individuals with Mild Cognitive Impairment and Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 86.	1.7	3

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145	P1â€286: TRANSFORMATION OF CSF BIOMARKER VALUES BETWEEN MEASUREMENT BATCHES. Alzheimer's and Dementia, 2018, 14, P393.	0.4	3
146	P3â€271: LUMBAR PUNCTURE SIDE EFFECT RATES IN A RESEARCH SETTING. Alzheimer's and Dementia, 2018, 14, P1180.	0.4	3
147	The association of sleep-disordered breathing and white matter hyperintensities in heart failure patients. Metabolic Brain Disease, 2018, 33, 2019-2029.	1.4	3
148	Insulin resistance is related to cognitive decline but not change in CSF biomarkers of Alzheimer's disease in nonâ€demented adults. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2021, 13, e12220.	1.2	3
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157	Neighborhood disadvantage is associated with accelerated cortical thinning and cognitive decline in cognitively unimpaired adults. Alzheimer's and Dementia, 2020, 16, .	0.4	2
158	Amyloid deposition on positron emission tomography correlates with severity of perioperative delirium: a case-control pilot study. British Journal of Anaesthesia, 2022, , .	1.5	2
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#	ARTICLE	IF	CITATIONS
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164	P4-004: Cardiorespiratory capacity modifies the association between a polygenic risk score and CSF biomarkers in preclinical Alzheimer's disease. , 2015, 11, P766-P766.		1
165	IC-P-063: Alzheimer's disease biomarker-based clusters predict amyloid accumulation and cognitive decline in a preclinical cohort: Findings from the wisconsin registry for Alzheimer's prevention (WRAP). , 2015, 11, P47-P49.		1
166	IC-P-128: Alterations in myelin content are related to cognitive performance in nondemented older adults: Findings from the wisconsin registry for Alzheimer's prevention study. , 2015, 11, P87-P87.		1
167	P1-199: ApoE-e4 is associated with altered myelin content in preclinical ad. , 2015, 11, P425-P425.		1
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175	Synaptic vesicle protein SV2A imaging with [11C]UCBâ€ as a novel biomarker of neurodegeneration in Alzheimer's disease. Alzheimer's and Dementia, 2020, 16, e037789.	0.4	1
176	Vitamin deficiencies in geriatric memory patients. Alzheimer's and Dementia, 2020, 16, e038765.	0.4	1
177	Protective genetic variants in the MS4A gene cluster modulate microglial activity. Alzheimer's and Dementia, 2020, 16, e039431.	0.4	1
178	Neurodegenerative dementias: screening for major threats to healthy longevity with blood biomarkers. The Lancet Healthy Longevity, 2021, 2, e58-e59.	2.0	1
179	The relationship of glucose-stimulated insulin secretion to cerebral glucose metabolism and cognition in healthy middle-aged and older adults. Neurobiology of Aging, 2021, 105, 174-185.	1.5	1
180	Diffeomorphic Metric Mapping of Hybrid Diffusion Imaging Based on BFOR Signal Basis. Lecture Notes in Computer Science, 2013, 23, 147-158.	1.0	1

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182	Increased adiposity is related to reduced neurite complexity in the hippocampus, fornix, and uncinate fasciculus of cognitively unimpaired adults. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	1
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189	P4-239: THE ASSOCIATION OF THE TCF7L2 DIABETES SUSCEPTIBILITY GENE WITH BRAIN FUNCTION AMONG ELDERLY SUBJECTS WITH TYPE 2 DIABETES. , 2014, 10, P874-P874.		0
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191	IC-P-102: THE RELATIONSHIP BETWEEN CEREBRAL PERFUSION, AGE, AND APOE4 IN MIDDLE-AGED ADULTS AT RISK FOR ALZHEIMER'S DISEASE. , 2014, 10, P57-P58.		0
192	P3-344: PHYSICAL ACTIVITY MODIFIES ALZHEIMER BIOMARKERS IN PRECLINICAL AD: EVIDENCE FROM THE WISCONSIN REGISTRY FOR ALZHEIMER'S PREVENTION. , 2014, 10, P756-P756.		0
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194	P2-106: CSF BIOMARKER PROFILES IN MIDDLE-AGED ADULTS WITH PARENTAL HISTORY OF AD: THE WISCONSIN ADRC COHORTS. , 2014, 10, P509-P510.		0
195	IC-01-01: IMAGING OF TAU PATHOLOGY IN PATIENTS WITH NON-ALZHEIMER'S DISEASE TAUOPATHIES BY [11C]PBB3-PET. , 2014, 10, P1-P1.		0
196	P2-087: PATTERNS OF [C-11]PIB AMYLOID BURDEN THAT ARE ASSOCIATED WITH CEREBROSPINAL FLUID AD BIOMARKERS IN PEOPLE AT RISK FOR ALZHEIMER'S DISEASE: FINDINGS FROM THE WRAP STUDY. , 2014, 10, P502-P503.		0
197	IC-P-121: CARDIORESPIRATORY FITNESS IS ASSOCIATED WITH BRAIN STRUCTURE, COGNITION, AND MOOD IN A MIDDLE-AGED COHORT AT RISK FOR ALZHEIMER'S DISEASE. , 2014, 10, P69-P69.		0
198	P1-011: SUBJECTIVE MEMORY COMPLAINTS, CORTICAL THINNING, AND COGNITIVE DYSFUNCTION IN MIDDLE-AGED ADULTS AT RISK FOR AD: FINDINGS FROM THE WISCONSIN REGISTRY FOR ALZHEIMER'S PREVENTION. , 2014, 10, P308-P308.		0

#	ARTICLE	IF	CITATIONS
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200	IC-P-007: PATTERNS OF [C-11]PIB AMYLOID BURDEN THAT ARE ASSOCIATED WITH CEREBROSPINAL FLUID AD BIOMARKERS IN PEOPLE AT RISK FOR ALZHEIMER'S DISEASE: FINDINGS FROM THE WRAP STUDY. , 2014, 10, P10-P10.		0
201	IC-P-078: SUBJECTIVE MEMORY COMPLAINTS, CORTICAL THINNING, AND COGNITIVE DYSFUNCTION IN MIDDLE-AGED ADULTS AT RISK FOR AD: FINDINGS FROM THE WISCONSIN REGISTRY FOR ALZHEIMER'S PREVENTION. , 2014, 10, P44-P44.		0
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203	P2-118: CEREBROSPINAL FLUID MICROGLIAL MARKERS IN ALZHEIMER'S DISEASE, MCI, AND ASYMPTOMATIC ADULTS. , 2014, 10, P514-P514.		0
204	P3-103: Assessing the significance of insulin resistance on cerebrospinal fluid Alzheimer's disease biomarkers and memory function in people at risk for Alzheimer's disease: Findings from the wisconsin adrc impact cohort. , 2015, 11, P659-P660.		0
205	IC-P-096: Insulin resistance is associated with altered microstructure in the medial temporal lobe and fornix of cognitively healthy APOE4 carriers. , 2015, 11, P66-P67.		0
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209	IC-P-131: The relationship between intracranial vascular health and metrics of Alzheimer's disease. , 2015, 11, P88-P90.		0
210	IC-03-01: Cardiorespiratory capacity correlates with cerebral blood flow, white matter hyperintensities, and cognition in preclinical Alzheimer's disease. , 2015, 11, P8-P8.		0
211	P4-066: The relationship between intracranial vascular health and metrics of Alzheimer's disease. , 2015, 11, P793-P794.		0
212	IC-P-044: Cardiorespiratory capacity modifies the association between a polygenic risk score and CSF biomarkers in preclinical Alzheimer's disease. , 2015, 11, P37-P38.		0
213	P3-156: Elevated cardiovascular risk is associated with altered myelin content. , 2015, 11, P688-P688.		0
214	P1-023: Cardiorespiratory capacity correlates with cerebral blood flow, white matter hyperintensities, and cognition in preclinical Alzheimer's disease. , 2015, 11, P345-P345.		0
215	O2-03-03: High glycemic diet associated with brain neurodegeneration in a healthy middle-aged cohort. , 2015, 11, P178-P178.		0
216	P4-262: Neuroinflammation in preclinical Alzheimer's disease is associated with parahippocampal pathology and memory deficits. , 2015, 11, P883-P884.		0

#	ARTICLE	IF	CITATIONS
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218	O5-01-02: Stress is Associated with Greater Insulin Resistance, Higher CSF Phosphorylated TAU, and Decreased Glucose Metabolism in the Medial Temporal Lobe in apoe 4 Carriers. , 2016, 12, P375-P376.		0
219	ICâ€Pâ€065: AD Family History in Nonâ€APOE4S Modulates The Effects of '523 TOMM40 on Neuropathology and Memory Decline. <i>Alzheimer's and Dementia</i> , 2016, 12, P51.	0.4	0
220	IC-P-068: Family History Modulates TOMM40's Effect on Alzheimer's Disease Vascular Risk Factors and Neurodegeneration. , 2016, 12, P54-P54.		0
221	ICâ€Pâ€069: Effects of Kibra Polymorphism on White Matter Integrity: Findings from The Wisconsin Registry for Alzheimerâ€™s Prevention. <i>Alzheimer's and Dementia</i> , 2016, 12, P54.	0.4	0
222	IC-P-071: Longevity Gene Klotho Alters Apoe4-Related Cortical Thinning: Findings from The Wisconsin Registry for Alzheimerâ€™s Prevention. , 2016, 12, P56-P56.		0
223	P1â€322: Fourâ€Dimensional Arterial Blood Flow Metrics in The Internal Carotid Artery Predict Cognitive Performance and are Associated with CSF Biomarkers in Patients with MCI. <i>Alzheimer's and Dementia</i> , 2016, 12, P548.	0.4	0
224	P1â€344: Poor Sleep Quality is Associated with CSF Markers of Amyloid Deposition in Cognitively Healthy Adults at Risk for Alzheimer's Disease. <i>Alzheimer's and Dementia</i> , 2016, 12, P561.	0.4	0
225	P1â€410: Lifetime Recreational Physical Activity is Associated with CSF Amyloid in Cognitively Asymptomatic Adults. <i>Alzheimer's and Dementia</i> , 2016, 12, P591.	0.4	0
226	P2â€075: Alzheimer's Disease Family History Modulates Effects of '523 TOMM40 on Memory Decline and Medial Temporal Pathology. <i>Alzheimer's and Dementia</i> , 2016, 12, P636.	0.4	0
227	ICâ€Pâ€123: Four Dimensional Arterial Blood Flow Metrics in The Internal Carotid Artery Predict Cognitive Performance and Are Associated With CSF Biomarkers in Patients With MCI. <i>Alzheimer's and Dementia</i> , 2016, 12, P91.	0.4	0
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230	O5â€01â€05: Longevity Gene <i>KLOTHO</i> Alters <i>APOE4</i> -Related Cortical Thinning: Findings from the Wisconsin Registry for Alzheimerâ€™s Prevention. <i>Alzheimer's and Dementia</i> , 2016, 12, P377.	0.4	0
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#	ARTICLE	IF	CITATIONS
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236	[P3â€423]: REGIONAL DEFICIT IN SLEEPING BRAIN ACTIVITY ASSOCIATED WITH TAU AND AMYLOID PATHOLOGY IN COGNITIVELY HEALTHY MIDDLEâ€AGED ADULTS. <i>Alzheimer's and Dementia</i> , 2017, 13, P1128.	0.4	0
237	[P1â€137]: TYPE 2 DIABETES GENETIC RISK VARIANTS WITHIN <i>&lt;i&gt;TCF7L2&lt;/i&gt;</i> ARE ASSOCIATED WITH SMALLER AMYGDALAR VOLUME AMONG DIABETIC ELDERLY PATIENTS. <i>Alzheimer's and Dementia</i> , 2017, 13, P294.	0.4	0
238	[ICâ€Pâ€049]: REGIONAL DEFICIT IN SLEEPING BRAIN ACTIVITY ASSOCIATED WITH TAU AND AMYLOID PATHOLOGY IN COGNITIVELY HEALTHY MIDDLEâ€AGED ADULTS. <i>Alzheimer's and Dementia</i> , 2017, 13, P41.	0.4	0
239	[P1â€503]: MODIFIABLE RISK FACTORS MODERATE THE RELATIONSHIP BETWEEN BETAâ€AMYLOID AND LONGITUDINAL COGNITIVE TRAJECTORIES IN THE WISCONSIN REGISTRY FOR ALZHEIMER'S PREVENTION STUDY. <i>Alzheimer's and Dementia</i> , 2017, 13, P485.	0.4	0
240	[P1â€611]: LIFETIME PHYSICAL ACTIVITY IS ASSOCIATED WITH CSF AMYLOID IN COGNITIVELY ASYMPTOMATIC APOE <i>â€4+</i> ADULTS. <i>Alzheimer's and Dementia</i> , 2017, 13, P530.	0.4	0
241	[O3â€11â€03]: MODERATE INTENSITY PHYSICAL ACTIVITY IS ASSOCIATED WITH CSF BIOMARKERS IN PRECLINICAL ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2017, 13, P927.	0.4	0
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243	ICâ€Pâ€180: QUANTITATIVE T1 IN ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2018, 14, P151.	0.4	0
244	P1â€471: QUANTITATIVE T1 IN ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2018, 14, P503.	0.4	0
245	ICâ€Pâ€141: NEIGHBORHOOD DISADVANTAGE PREDICTS HIPPOCAMPAL VOLUME AMONG PARTICIPANTS IN THE WISCONSIN REGISTRY FOR ALZHEIMER'S PREVENTION. <i>Alzheimer's and Dementia</i> , 2018, 14, P118.	0.4	0
246	P3â€320: INCREASED PLASMA TRIMETHYLAMINEâ€ <i>&lt;i&gt;N&lt;/i&gt;</i> â€OXIDE (TMAO) IS ASSOCIATED WITH LOWER HIPPOCAMPAL BLOOD FLOW. <i>Alzheimer's and Dementia</i> , 2018, 14, P1203.	0.4	0
247	ICâ€Pâ€089: OBSTRUCTIVE SLEEP APNEA IS ASSOCIATED WITH LOWER MEMORY FUNCTION IN MIDDLEâ€AGED ADULTS. <i>Alzheimer's and Dementia</i> , 2018, 14, P74.	0.4	0
248	O4â€07â€06: NEIGHBORHOOD DISADVANTAGE PREDICTS HIPPOCAMPAL VOLUME AMONG PARTICIPANTS IN THE WISCONSIN REGISTRY FOR ALZHEIMER'S PREVENTION. <i>Alzheimer's and Dementia</i> , 2018, 14, P1420.	0.4	0
249	F4. Alzheimerâ€™s Disease Biomarkers are Associated With Altered White Matter Microstructure. <i>Biological Psychiatry</i> , 2018, 83, S238.	0.7	0
250	ICâ€Pâ€055: EVALUATING RESTING STATE CONNECTIVITY HERITABILITY AT THE WHOLE BRAIN LEVEL. <i>Alzheimer's and Dementia</i> , 2019, 15, P56.	0.4	0
251	ICâ€Pâ€103: RELATIONSHIPS BETWEEN <i>Pâ€TAU</i> AND CHANGES IN MYELIN CONTENT AND COGNITIVE PERFORMANCE. <i>Alzheimer's and Dementia</i> , 2019, 15, P89.	0.4	0
252	ICâ€Pâ€109: LOWER ARTERIAL BLOOD FLOW AND HIGHER PULSATILITY INDEX ARE ASSOCIATED WITH NEURONAL INJURY. <i>Alzheimer's and Dementia</i> , 2019, 15, P93.	0.4	0

#	ARTICLE	IF	CITATIONS
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254	P4â€557: SEXâ€BASED DIFFERENCES IN DEPRESSION IN INDIVIDUALS WITH MILD COGNITIVE IMPAIRMENT OR DEMENTIA COMPARED TO COGNITIVELY UNIMPAIRED OLDER ADULTS. Alzheimer's and Dementia, 2019, 15, P1532.	0.4	0
255	P4â€589: COMPARISON OF CEREBROSPINAL FLUID NEUROFILAMENT LIGHT CHAIN PROTEIN AND THREE MRIâ€BASED MORPHOMETRIC ESTIMATES FOR DEFINING NEURODEGENERATION (N) ACROSS THE ALZHEIMER'S DISEASE CONTINUUM. Alzheimer's and Dementia, 2019, 15, P1547.	0.4	0
256	ICâ€Pâ€081: CSF MARKERS OF NEURODEGENERATION ARE ASSOCIATED WITH QUANTITATIVE T1. Alzheimer's and Dementia, 2019, 15, P72.	0.4	0
257	P4â€583: MICROSTRUCTURAL ALTERATIONS WITH OLDER AGE EVALUATED USING THE NODDI MODEL IN A LARGE GROUP OF COGNITIVELY UNIMPAIRED INDIVIDUALS. Alzheimer's and Dementia, 2019, 15, P1544.	0.4	0
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260	The interaction of amyloid and tau on decreased cortical neurite density in preclinical Alzheimerâ€™s disease. Alzheimer's and Dementia, 2020, 16, e043979.	0.4	0
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262	Insulin resistance is related to cognitive decline but not biomarkers of Alzheimerâ€™s pathology in adults without dementia. Alzheimer's and Dementia, 2020, 16, e047022.	0.4	0
263	Relationship of insulin resistance and glucose to tau PET positivity. Alzheimer's and Dementia, 2021, 17, .	0.4	0
264	In vivo analysis of synaptic degeneration with A $\beta$ plaque and NFT accumulation in cognitive decline. Alzheimer's and Dementia, 2021, 17, .	0.4	0
265	Neuronal networks are differentially affected in mutation carriers versus nonâ€carriers in autosomal dominant Alzheimerâ€™s disease. Alzheimer's and Dementia, 2021, 17, .	0.4	0
266	Exercise and carbohydrateâ€restricted diet associates with improved cerebral blood flow. Alzheimer's and Dementia, 2021, 17, .	0.4	0
267	Geographic proximity, neuropathology and ADRC brain donation. Alzheimer's and Dementia, 2021, 17, .	0.4	0
268	Examining differences across sleep profiles in late middleâ€aged adults: Results from the Wisconsin Registry for Alzheimer's Prevention (WRAP). Alzheimer's and Dementia, 2021, 17, .	0.4	0
269	Individual level prediction of cognitive impairment status from neuronal networks using machine learning in the Alzheimerâ€™s Disease Connectome Project. Alzheimer's and Dementia, 2021, 17, .	0.4	0
270	Neurite density and free water concentration are associated with synaptic density in the hippocampus as assessed through NODDI and [ $^{11}\text{C}$ ]UCBâ€PET. Alzheimer's and Dementia, 2021, 17, .	0.4	0



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272	A role for inflammaging in $\hat{\alpha}$ -synuclein-associated breakdown of local sleep in the elderly.. <i>Alzheimer's and Dementia</i> , 2021, 17 Suppl 3, e054208.	0.4	0
273	Association of neighborhood-level disadvantage with neurofibrillary tangles.. <i>Alzheimer's and Dementia</i> , 2021, 17 Suppl 3, e057677.	0.4	0