

Barbara B Bendlin

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.

254
papers

6,115
citations

42
h-index

73
g-index

331
ext. papers

7,789
ext. citations

5
avg, IF

5.85
L-index

#	Paper	IF	Citations
254	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 , 100030		0
253	Amyloid deposition on positron emission tomography correlates with severity of perioperative delirium: a case-control pilot study.. <i>British Journal of Anaesthesia</i> , 2022 ,	5.4	1
252	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	5.2	0
251	Association of Neighborhood-Level Disadvantage With Neurofibrillary Tangles on Neuropathological Tissue Assessment.. <i>JAMA Network Open</i> , 2022 , 5, e228966	10.4	
250	Insights from the IronTract challenge: Optimal methods for mapping brain pathways from multi-shell diffusion MRI. <i>NeuroImage</i> , 2022 , 257, 119327	7.9	1
249	Association of Neighborhood Context, Cognitive Decline, and Cortical Change in an Unimpaired Cohort. <i>Neurology</i> , 2021 , 96, e2500-e2512	6.5	4
248	Interaction of amyloid and tau on cortical microstructure in cognitively unimpaired adults. <i>Alzheimer's and Dementia</i> , 2021 ,	1.2	3
247	Rhesus monkeys as a translational model for late-onset Alzheimer's disease. <i>Aging Cell</i> , 2021 , 20, e13374	4.9	1
246	Impact of sex and APOE 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	7.3	1
245	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	5.6	1
244	Effects of simvastatin on white matter integrity in healthy middle-aged adults. <i>Annals of Clinical and Translational Neurology</i> , 2021 , 8, 1656-1667	5.3	2
243	Biomarkers for Alzheimer's disease-preparing for a new era of disease-modifying therapies. <i>Molecular Psychiatry</i> , 2021 , 26, 296-308	15.1	85
242	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	1.2	26
241	Neurodegenerative dementias: screening for major threats to healthy longevity with blood biomarkers. <i>The Lancet Healthy Longevity</i> , 2021 , 2, e58-e59	9.5	0
240	Transportation Physical Activity Earlier in Life and Areas of the Brain related to Dementia Later in Life. <i>Journal of Transport and Health</i> , 2021 , 20,	3	2
239	The relationship of glucose-stimulated insulin secretion to cerebral glucose metabolism and cognition in healthy middle-aged and older adults. <i>Neurobiology of Aging</i> , 2021 , 105, 174-185	5.6	1
238	Neuroimaging and biomarker evidence of neurodegeneration in asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2021 ,	11.5	2

237	Insulin resistance is related to cognitive decline but not change in CSF biomarkers of Alzheimer's disease in non-demented adults. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2021 , 13, e12220	5.2	1
236	The Interaction between Ventricle to Brain Ratio and Serum Klotho on Cognition in Older Adults at Risk for Alzheimer's Disease.. <i>Alzheimer's and Dementia</i> , 2021 , 17 Suppl 12, e058632	1.2	0
235	Alzheimer's disease biomarkers in Black and non-Hispanic White cohorts: A contextualized review of the evidence. <i>Alzheimer's and Dementia</i> , 2021 ,	1.2	4
234	Diet and APOE as moderators of the relationship between trimethylamine N-oxide and biomarkers of Alzheimer's disease and glial activation.. <i>Alzheimer's and Dementia</i> , 2021 , 17 Suppl 3, e051827	1.2	1
233	Effect of insulin resistance on the association between cardiorespiratory fitness and cognition in adults at risk for Alzheimer's disease.. <i>Alzheimer's and Dementia</i> , 2021 , 17 Suppl 12, e058683	1.2	
232	A role for inflammaging in β -synuclein-associated breakdown of local sleep in the elderly.. <i>Alzheimer's and Dementia</i> , 2021 , 17 Suppl 3, e054208	1.2	
231	Association of neighborhood-level disadvantage with neurofibrillary tangles.. <i>Alzheimer's and Dementia</i> , 2021 , 17 Suppl 3, e057677	1.2	
230	Plasma extracellular vesicles of neuronal and astrocytic origins: Biomarker carriers and pathogenic effectors in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020 , 16, e037317	1.2	
229	Synaptic vesicle protein SV2A imaging with [^{11}C]UCB-J as a novel biomarker of neurodegeneration in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020 , 16, e037789	1.2	
228	Vitamin deficiencies in geriatric memory patients. <i>Alzheimer's and Dementia</i> , 2020 , 16, e038765	1.2	
227	Protective genetic variants in the MS4A gene cluster modulate microglial activity. <i>Alzheimer's and Dementia</i> , 2020 , 16, e039431	1.2	1
226	Simvastatin maintains white matter integrity in healthy middle-aged adults with increased risk for Alzheimer's disease: A secondary analysis of a randomized controlled trial. <i>Alzheimer's and Dementia</i> , 2020 , 16, e043408	1.2	
225	The interaction of amyloid and tau on decreased cortical neurite density in preclinical Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020 , 16, e043979	1.2	
224	Blood-brain barrier permeability measured by ^7H -hydroxy-3-oxo-4-cholestenoic acid in CSF associates with Alzheimer's pathology biomarkers in cerebrospinal fluid. <i>Alzheimer's and Dementia</i> , 2020 , 16, e046582	1.2	
223	Insulin resistance is related to cognitive decline but not biomarkers of Alzheimer's pathology in adults without dementia. <i>Alzheimer's and Dementia</i> , 2020 , 16, e047022	1.2	
222	Association of Neighborhood-Level Disadvantage With Alzheimer Disease Neuropathology. <i>JAMA Network Open</i> , 2020 , 3, e207559	10.4	29
221	Cortical Microstructural Alterations in Mild Cognitive Impairment and Alzheimer's Disease Dementia. <i>Cerebral Cortex</i> , 2020 , 30, 2948-2960	5.1	22
220	Brain aging in temporal lobe epilepsy: Chronological, structural, and functional. <i>NeuroImage: Clinical</i> , 2020 , 25, 102183	5.3	11

219	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	3.7	6
218	Cardiorespiratory Fitness Associates with Cerebral Vessel Pulsatility in a Cohort Enriched with Risk for Alzheimer's Disease. <i>Brain Plasticity</i> , 2020 , 5, 175-184	3.5	1
217	Factors Associated with Lumbar Puncture Participation in Alzheimer's Disease Research. <i>Journal of Alzheimer's Disease</i> , 2020 , 77, 1559-1567	4.3	3
216	Association of Neighborhood-Level Disadvantage With Cerebral and Hippocampal Volume. <i>JAMA Neurology</i> , 2020 , 77, 451-460	17.2	29
215	Cohort study of electroencephalography markers of amyloid-tau-neurodegeneration pathology. <i>Brain Communications</i> , 2020 , 2, fcaa099	4.5	2
214	The Israel Registry for Alzheimer's Prevention (IRAP) Study: Design and Baseline Characteristics. <i>Journal of Alzheimer's Disease</i> , 2020 , 78, 777-788	4.3	3
213	The link between type 2 diabetes and dementia: from biomarkers to treatment. <i>Lancet Diabetes and Endocrinology</i> , 2020 , 8, 736-738	18.1	10
212	Higher BMI is associated with smaller regional brain volume in older adults with type 2 diabetes. <i>Diabetologia</i> , 2020 , 63, 2446-2451	10.3	2
211	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	4.1	15
210	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	6	4
209	Vitamin E Intake Is Associated with Lower Brain Volume in Haptoglobin 1-1 Elderly with Type 2 Diabetes. <i>Journal of Alzheimer's Disease</i> , 2020 , 74, 649-658	4.3	1
208	Optimizing the intrinsic parallel diffusivity in NODDI: An extensive empirical evaluation. <i>PLoS ONE</i> , 2019 , 14, e0217118	3.7	31
207	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	5.3	10
206	Differential effects of neurodegeneration biomarkers on subclinical cognitive decline. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2019 , 5, 129-138	6	16
205	The Association of Depressive Symptoms With Brain Volume Is Stronger Among Diabetic Elderly Carriers of the Haptoglobin 1-1 Genotype Compared to Non-carriers. <i>Frontiers in Endocrinology</i> , 2019 , 10, 68	5.7	1
204	heterozygosity attenuates -related amyloid burden in preclinical AD. <i>Neurology</i> , 2019 , 92, e1878-e1889	6.5	29
203	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	4.3	3
202	Measuring longitudinal cognition: Individual tests versus composites. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019 , 11, 74-84	5.2	27

201	Elevated Insulin and Insulin Resistance are Associated with Altered Myelin in Cognitively Unimpaired Middle-Aged Adults. <i>Obesity</i> , 2019 , 27, 1464-1471	8	5
200	Comparison of different MRI-based morphometric estimates for defining neurodegeneration across the Alzheimer's disease continuum. <i>NeuroImage: Clinical</i> , 2019 , 23, 101895	5.3	21
199	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	4.3	7
198	Antidiabetic therapies and Alzheimer disease. <i>Dialogues in Clinical Neuroscience</i> , 2019 , 21, 83-91	5.7	18
197	IC-P-055: EVALUATING RESTING STATE CONNECTIVITY HERITABILITY AT THE WHOLE BRAIN LEVEL 2019 , 15, P56-P57		
196	IC-P-103: RELATIONSHIPS BETWEEN P-TAU AND CHANGES IN MYELIN CONTENT AND COGNITIVE PERFORMANCE 2019 , 15, P89-P90		
195	IC-P-109: LOWER ARTERIAL BLOOD FLOW AND HIGHER PULSATILITY INDEX ARE ASSOCIATED WITH NEURONAL INJURY 2019 , 15, P93-P95		
194	IC-P-149: DECREASED CORTICAL NEURITE DENSITY AND ORIENTATION DISPERSION IN ALZHEIMER'S DISEASE DEMENTIA 2019 , 15, P120-P121		
193	P4-557: SEX-BASED DIFFERENCES IN DEPRESSION IN INDIVIDUALS WITH MILD COGNITIVE IMPAIRMENT OR DEMENTIA COMPARED TO COGNITIVELY UNIMPAIRED OLDER ADULTS 2019 , 15, P1532-P1533		
192	P4-589: COMPARISON OF CEREBROSPINAL FLUID NEUROFILAMENT LIGHT CHAIN PROTEIN AND THREE MRI-BASED MORPHOMETRIC ESTIMATES FOR DEFINING NEURODEGENERATION (N) ACROSS THE ALZHEIMER'S DISEASE CONTINUUM 2019 , 15, P1547-P1548		
191	IC-P-081: CSF MARKERS OF NEURODEGENERATION ARE ASSOCIATED WITH QUANTITATIVE T1 2019 , 15, P72-P73		
190	IC-06-04: SLEEP, COGNITION, AND AMYLOID IN ADULTS WITH DOWN SYNDROME 2019 , 15, P12-P12		1
189	Lifetime Physical Activity and White Matter Hyperintensities in Cognitively Intact Adults. <i>Nursing Research</i> , 2019 , 68, 210-217	1.9	4
188	P4-583: MICROSTRUCTURAL ALTERATIONS WITH OLDER AGE EVALUATED USING THE NODDI MODEL IN A LARGE GROUP OF COGNITIVELY UNIMPAIRED INDIVIDUALS 2019 , 15, P1544-P1545		
187	Hypertension and obesity moderate the relationship between Amyloid and cognitive decline in midlife. <i>Alzheimer's and Dementia</i> , 2019 , 15, 418-428	1.2	19
186	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	5.3	23
185	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	2.7	8
184	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	4.1	22

183	Age-accelerated cognitive decline in asymptomatic adults with CSF Amyloid. <i>Neurology</i> , 2018 , 90, e13066-13157	6.1	37
182	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	4.3	49
181	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	5.2	97
180	Neurodegeneration, synaptic dysfunction, and gliosis are phenotypic of Alzheimer dementia. <i>Neurology</i> , 2018 , 91, e436-e443	6.5	25
179	IC-P-180: QUANTITATIVE T1 IN ALZHEIMER'S DISEASE 2018 , 14, P151-P151		
178	P1-471: QUANTITATIVE T1 IN ALZHEIMER'S DISEASE 2018 , 14, P503-P503		
177	IC-P-141: NEIGHBORHOOD DISADVANTAGE PREDICTS HIPPOCAMPAL VOLUME AMONG PARTICIPANTS IN THE WISCONSIN REGISTRY FOR ALZHEIMER'S PREVENTION 2018 , 14, P118-P118		
176	P1-286: TRANSFORMATION OF CSF BIOMARKER VALUES BETWEEN MEASUREMENT BATCHES 2018 , 14, P393-P395		2
175	P3-320: INCREASED PLASMA TRIMETHYLAMINE-N-OXIDE (TMAO) IS ASSOCIATED WITH LOWER HIPPOCAMPAL BLOOD FLOW 2018 , 14, P1203-P1204		
174	P3-271: LUMBAR PUNCTURE SIDE EFFECT RATES IN A RESEARCH SETTING 2018 , 14, P1180-P1181		2
173	IC-P-089: OBSTRUCTIVE SLEEP APNEA IS ASSOCIATED WITH LOWER MEMORY FUNCTION IN MIDDLE-AGED ADULTS 2018 , 14, P74-P75		
172	O4-07-06: NEIGHBORHOOD DISADVANTAGE PREDICTS HIPPOCAMPAL VOLUME AMONG PARTICIPANTS IN THE WISCONSIN REGISTRY FOR ALZHEIMER'S PREVENTION 2018 , 14, P1420-P1421		
171	Association of the Haptoglobin Gene Polymorphism With Cognitive Function and Decline in Elderly African American Adults With Type 2 Diabetes: Findings From the Action to Control Cardiovascular Risk in Diabetes-Memory in Diabetes (ACCORD-MIND) Study. <i>JAMA Network Open</i> , 2018 , 1, e184458	10.4	12
170	The gut microbiota-derived metabolite trimethylamine N-oxide is elevated in Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2018 , 10, 124	9	156
169	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	9	6
168	The association of sleep-disordered breathing and white matter hyperintensities in heart failure patients. <i>Metabolic Brain Disease</i> , 2018 , 33, 2019-2029	3.9	2
167	Longitudinal white matter microstructural change in Parkinson's disease. <i>Human Brain Mapping</i> , 2018 , 39, 4150-4161	5.9	23
166	Incorrect Scaling Factor and Errors in Figures and P Value Thresholds. <i>JAMA Neurology</i> , 2017 , 74, 869-870	7.2	

165	Val66Met predicts cognitive decline in the Wisconsin Registry for Alzheimer's Prevention. <i>Neurology</i> , 2017 , 88, 2098-2106	6.5	35
164	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	1.2	10
163	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	4.3	24
162	Cardiorespiratory fitness alters the influence of a polygenic risk score on biomarkers of AD. <i>Neurology</i> , 2017 , 88, 1650-1658	6.5	30
161	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	3.4	31
160	Evaluation of striatonigral connectivity using probabilistic tractography in Parkinson's disease. <i>NeuroImage: Clinical</i> , 2017 , 16, 557-563	5.3	32
159	Gut microbiome alterations in Alzheimer's disease. <i>Scientific Reports</i> , 2017 , 7, 13537	4.9	712
158	[O20506]: GUT MICROBIOME ALTERATIONS IN ALZHEIMER'S DISEASE AND THE RELATIONSHIP WITH CSF BIOMARKERS 2017 , 13, P563		3
157	Microstructural white matter alterations in preclinical Alzheimer's disease detected using free water elimination diffusion tensor imaging. <i>PLoS ONE</i> , 2017 , 12, e0173982	3.7	71
156	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	4.3	8
155	Neurogranin, a synaptic protein, is associated with memory independent of Alzheimer biomarkers. <i>Neurology</i> , 2017 , 89, 1782-1788	6.5	49
154	[IC-P-066]: AD FAMILY HISTORY MODULATES EFFECTS OF TOMM40 B23POLY-T ON MTL ATROPHY AND HYPOMETABOLISM IN PRECLINICAL AND AD COHORTS 2017 , 13, P54-P55		
153	[O10403]: NEIGHBORHOOD SOCIOECONOMIC CONTEXTUAL DISADVANTAGE, BASELINE COGNITION AND ALZHEIMER'S DISEASE BIOMARKERS IN THE WISCONSIN REGISTRY FOR ALZHEIMER'S PREVENTION (WRAP) STUDY 2017 , 13, P195-P196		1
152	Poor sleep is associated with CSF biomarkers of amyloid pathology in cognitively normal adults. <i>Neurology</i> , 2017 , 89, 445-453	6.5	108
151	Association of Amyloid Pathology With Myelin Alteration in Preclinical Alzheimer Disease. <i>JAMA Neurology</i> , 2017 , 74, 41-49	17.2	89
150	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	7.3	30
149	[P3023]: REGIONAL DEFICIT IN SLEEPING BRAIN ACTIVITY ASSOCIATED WITH TAU AND AMYLOID PATHOLOGY IN COGNITIVELY HEALTHY MIDDLE-AGED ADULTS 2017 , 13, P1128-P1129		
148	[P1037]: TYPE 2 DIABETES GENETIC RISK VARIANTS WITHIN TCF7L2 ARE ASSOCIATED WITH SMALLER AMYGDALAR VOLUME AMONG DIABETIC ELDERLY PATIENTS 2017 , 13, P294-P295		

147	[IC-P-049]: REGIONAL DEFICIT IN SLEEPING BRAIN ACTIVITY ASSOCIATED WITH TAU AND AMYLOID PATHOLOGY IN COGNITIVELY HEALTHY MIDDLE-AGED ADULTS 2017 , 13, P41-P42		
146	[P1503]: MODIFIABLE RISK FACTORS MODERATE THE RELATIONSHIP BETWEEN BETA-AMYLOID AND LONGITUDINAL COGNITIVE TRAJECTORIES IN THE WISCONSIN REGISTRY FOR ALZHEIMER'S PREVENTION STUDY 2017 , 13, P485-P485		
145	[P1511]: LIFETIME PHYSICAL ACTIVITY IS ASSOCIATED WITH CSF AMYLOID IN COGNITIVELY ASYMPTOMATIC APOE e4+ ADULTS 2017 , 13, P530-P531		
144	[P2008]: CSF AND PLASMA LEVELS OF INFLAMMATION DIFFERENTIALLY RELATE TO CNS MARKERS OF ALZHEIMER'S DISEASE PATHOLOGY AND NEURONAL DAMAGE 2017 , 13, P689-P689		0
143	[O3002]: LONGITUDINAL CSF BIOMARKER CHANGES IN MIDDLE-AGED ADULTS AT RISK FOR AD: THE WISCONSIN REGISTRY FOR ALZHEIMER'S PREVENTION (WRAP) AND WISCONSIN ADRC COHORTS 2017 , 13, P923-P924		1
142	[O3103]: MODERATE INTENSITY PHYSICAL ACTIVITY IS ASSOCIATED WITH CSF BIOMARKERS IN PRECLINICAL ALZHEIMER'S DISEASE 2017 , 13, P927-P928		
141	[IC-P-171]: MODERATE INTENSITY PHYSICAL ACTIVITY ASSOCIATES WITH CSF BIOMARKERS IN PRECLINICAL ALZHEIMER'S DISEASE 2017 , 13, P128-P129		
140	Chronotropic Response and Cognitive Function in a Cohort at Risk for Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017 , 56, 351-359	4.3	0
139	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	5.3	3
138	Haptoglobin 1-1 Genotype Modulates the Association of Glycemic Control With Hippocampal Volume in Elderly Individuals With Type 2 Diabetes. <i>Diabetes</i> , 2017 , 66, 2927-2932	0.9	9
137	Pathway-Specific Polygenic Risk Scores as Predictors of Amyloid Deposition and Cognitive Function in a Sample at Increased Risk for Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017 , 55, 473-484	4.3	60
136	Coupled Harmonic Bases for Longitudinal Characterization of Brain Networks. <i>Proceedings of the IEEE Computer Society Conference on Computer Vision and Pattern Recognition</i> , 2016 , 2016, 2517-2525	6	5
135	Biomarker clusters are differentially associated with longitudinal cognitive decline in late midlife. <i>Brain</i> , 2016 , 139, 2261-74	11.2	27
134	Cerebrospinal fluid ratios with A β 2 predict preclinical brain amyloid accumulation. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2016 , 2, 27-38	5.2	35
133	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, 805-14	1.2	42
132	Confounders Regarding the Association of Insulin Resistance and Alzheimer Disease--Reply. <i>JAMA Neurology</i> , 2016 , 73, 240-1	17.2	
131	Alterations of Myelin Content in Parkinson's Disease: A Cross-Sectional Neuroimaging Study. <i>PLoS ONE</i> , 2016 , 11, e0163774	3.7	39
130	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, 1373-83	4.3	37

129 O1-12-05: Amyloid Deposition in the Posterior Cingulate is Associated with Altered Microstructure in Cognitively Asymptomatic Individuals: Findings From the Wrap Study **2016**, 12, P207-P207

128 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 ϵ Carriers **2016**, 12, P375-P376

127 IC-P-065: AD Family History in Non-APOE4S Modulates The Effects of '523 TOMM40 on Neuropathology and Memory Decline **2016**, 12, P51-P52

126 IC-P-068: Family History Modulates TOMM40's Effect on Alzheimer's Disease Vascular Risk Factors and Neurodegeneration **2016**, 12, P54-P54

125 IC-P-069: Effects of Kibra Polymorphism on White Matter Integrity: Findings from The Wisconsin Registry for Alzheimer's Prevention **2016**, 12, P54-P55

124 IC-P-071: Longevity Gene Klotho Alters Apoe4-Related Cortical Thinning: Findings from The Wisconsin Registry for Alzheimer's Prevention **2016**, 12, P56-P56

123 P1-322: Four-Dimensional Arterial Blood Flow Metrics in The Internal Carotid Artery Predict Cognitive Performance and are Associated with CSF Biomarkers in Patients with MCI **2016**, 12, P548-P549

122 P1-344: Poor Sleep Quality is Associated with CSF Markers of Amyloid Deposition in Cognitively Healthy Adults at Risk for Alzheimer's Disease **2016**, 12, P561-P561

121 P1-410: Lifetime Recreational Physical Activity is Associated with CSF Amyloid in Cognitively Asymptomatic Adults **2016**, 12, P591-P592

120 P2-075: Alzheimer's Disease Family History Modulates Effects of '523 TOMM40 on Memory Decline and Medial Temporal Pathology **2016**, 12, P636-P637

119 P2-252: Structural Brain Abnormalities Associated with Depression in Elderly with Type 2 Diabetes Differ by Haptoglobin Genotype **2016**, 12, P722-P722

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118 IC-P-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 **2016**, 12, P91-P92

117 P3-084: Effects of Kibra Polymorphism on White Matter Integrity: Findings from the Wisconsin Registry for Alzheimer's Prevention **2016**, 12, P850-P850

116 IC-P-178: Occupational Complexity, Cognitive Reserve, and White Matter Hyperintensities: Findings from The Wisconsin Registry for Alzheimer's Prevention **2016**, 12, P130-P130

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115 O3-05-01: Occupational Complexity, Cognitive Reserve, and White Matter Hyperintensities: Findings from the Wisconsin Registry for Alzheimer's Prevention **2016**, 12, P294-P294

114 O5-01-05: Longevity Gene KLOTHO Alters APOE4-Related Cortical Thinning: Findings from the Wisconsin Registry for Alzheimer's Prevention **2016**, 12, P377-P378

113 P4-335: Postmortem Cerebrovascular Disease and White Matter Pallor are Associated with Lower Antemortem Cerebral Perfusion, Increased White Matter Hyperintensities, and Poor Learning **2016**, 12, P1162-P1163

112 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. *Journal of Alzheimer's Disease*, **2016**, 50, 873-86

4-3 75

111	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, 14-7	5.2	19
110	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	2.7	31
109	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	3.1	15
108	Age-dependent differences in brain tissue microstructure assessed with neurite orientation dispersion and density imaging. <i>Neurobiology of Aging</i> , 2016 , 43, 79-88	5.6	39
107	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, 1056-9	14.6	16
106	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, 639-49	4.1	57
105	Association of Insulin Resistance With Cerebral Glucose Uptake in Late Middle-Aged Adults at Risk for Alzheimer Disease. <i>JAMA Neurology</i> , 2015 , 72, 1013-20	17.2	223
104	Amyloid burden is associated with self-reported sleep in nondemented late middle-aged adults. <i>Neurobiology of Aging</i> , 2015 , 36, 2568-76	5.6	129
103	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	4.1	2
102	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, 729-36	4.1	33
101	Effect of Cognitive Reserve on Age-Related Changes in Cerebrospinal Fluid Biomarkers of Alzheimer Disease. <i>JAMA Neurology</i> , 2015 , 72, 699-706	17.2	54
100	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	5.2	26
99	Occupational Complexity and Cognitive Reserve in a Middle-Aged Cohort at Risk for Alzheimer's Disease. <i>Archives of Clinical Neuropsychology</i> , 2015 , 30, 634-42	2.7	55
98	Insulin resistance predicts brain amyloid deposition in late middle-aged adults. <i>Alzheimer's and Dementia</i> , 2015 , 11, 504-510.e1	1.2	147
97	Cardiorespiratory Fitness Attenuates the Influence of Amyloid on Cognition. <i>Journal of the International Neuropsychological Society</i> , 2015 , 21, 841-50	3.1	37
96	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
95	Intracranial Arterial 4D-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	5.2	21
94	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

93	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		
92	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		
91	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
90	P1-204: Insulin resistance is associated with altered microstructure in the medial temporal lobe and fornix of cognitively healthy ApoE ϵ carriers 2015 , 11, P427-P428		
89	P4-264: Amyloid pathology is associated with extensive myelin alteration in preclinical Alzheimer's disease: New insights into disease process with novel brain imaging 2015 , 11, P885-P885		
88	O1-01-03: 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, P123-P125		0
87	P2-210: Subjective memory complaints in middle-aged adults with a family history of Alzheimer's disease 2015 , 11, P573-P574		
86	P1-199: ApoE-e4 is associated with altered myelin content in preclinical ad 2015 , 11, P425-P425		1
85	IC-P-131: The relationship between intracranial vascular health and metrics of Alzheimer's disease 2015 , 11, P88-P90		
84	IC-03-01: Cardiorespiratory capacity correlates with cerebral blood flow, white matter hyperintensities, and cognition in preclinical Alzheimer's disease 2015 , 11, P8-P8		
83	Insulin Resistance is Associated with Higher Cerebrospinal Fluid Tau Levels in Asymptomatic APOEe4 Carriers. <i>Journal of Alzheimer's Disease</i> , 2015 , 46, 525-33	4.3	48
82	Age-Related Changes in Inter-Network Connectivity by Component Analysis. <i>Frontiers in Aging Neuroscience</i> , 2015 , 7, 237	5.3	12
81	Subjective memory complaints, cortical thinning, and cognitive dysfunction in middle-aged adults at risk for AD. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2015 , 1, 33-40	5.2	68
80	Multi-resolution statistical analysis of brain connectivity graphs in preclinical Alzheimer's disease. <i>NeuroImage</i> , 2015 , 118, 103-17	7.9	38
79	Statistical Inference Models for Image Datasets with Systematic Variations. <i>Proceedings of the IEEE Computer Society Conference on Computer Vision and Pattern Recognition</i> , 2015 , 2015, 4795-4803	6	3
78	P4-066: The relationship between intracranial vascular health and metrics of Alzheimer's disease 2015 , 11, P793-P794		
77	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		
76	P3-156: Elevated cardiovascular risk is associated with altered myelin content 2015 , 11, P688-P688		

75	P1-023: Cardiorespiratory capacity correlates with cerebral blood flow, white matter hyperintensities, and cognition in preclinical Alzheimer's disease 2015 , 11, P345-P345		
74	O2-03-03: High glyceic diet associated with brain neurodegeneration in a healthy middle-aged cohort 2015 , 11, P178-P178		
73	P4-262: Neuroinflammation in preclinical Alzheimer's disease is associated with parahippocampal pathology and memory deficits 2015 , 11, P883-P884		
72	A 4D hyperspherical interpretation of q-space. <i>Medical Image Analysis</i> , 2015 , 21, 15-28	15.4	1
71	Regional white matter hyperintensities: aging, Alzheimer's disease risk, and cognitive function. <i>Neurobiology of Aging</i> , 2014 , 35, 769-76	5.6	82
70	Multivariate General Linear Models (MGLM) on Riemannian Manifolds with Applications to Statistical Analysis of Diffusion Weighted Images. <i>Proceedings of the IEEE Computer Society Conference on Computer Vision and Pattern Recognition</i> , 2014 , 2014, 2705-2712	6	27
69	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, 6772-89	6.6	35
68	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	3.3	6
67	Amyloid burden and neural function in people at risk for Alzheimer's Disease. <i>Neurobiology of Aging</i> , 2014 , 35, 576-84	5.6	117
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65	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, 730-42	5.3	47
64	IC-P-118: AMYLOID BURDEN, CORTICAL THICKNESS, AND COGNITIVE FUNCTION IN THE WISCONSIN REGISTRY FOR ALZHEIMER'S PREVENTION 2014 , 10, P66-P66		1
63	P4-239: THE ASSOCIATION OF THE TCF7L2 DIABETES SUSCEPTIBILITY GENE WITH BRAIN FUNCTION AMONG ELDERLY SUBJECTS WITH TYPE 2 DIABETES 2014 , 10, P874-P874		
62	P1-229: THE RELATIONSHIP BETWEEN CEREBRAL PERFUSION, AGE, AND APOE4 IN MIDDLE-AGED ADULTS AT RISK FOR ALZHEIMER'S DISEASE 2014 , 10, P388-P388		
61	O1-12-02: AMYLOID BURDEN, CORTICAL THICKNESS, AND COGNITIVE FUNCTION IN THE WISCONSIN REGISTRY FOR ALZHEIMER'S PREVENTION 2014 , 10, P153-P153		
60	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		
59	P3-344: PHYSICAL ACTIVITY MODIFIES ALZHEIMER BIOMARKERS IN PRECLINICAL AD: EVIDENCE FROM THE WISCONSIN REGISTRY FOR ALZHEIMER'S PREVENTION 2014 , 10, P756-P756		
58	O4-05-01: INSULIN RESISTANCE AND CENTRAL OBESITY IN APOE4 CARRIERS ARE ASSOCIATED WITH INCREASES IN CEREBRAL SPINAL FLUID PHOSPHORYLATED TAU 2014 , 10, P259-P259		

57	P2-106: CSF BIOMARKER PROFILES IN MIDDLE-AGED ADULTS WITH PARENTAL HISTORY OF AD: THE WISCONSIN ADRC COHORTS 2014 , 10, P509-P510		
56	IC-01-01: IMAGING OF TAU PATHOLOGY IN PATIENTS WITH NON-ALZHEIMER'S DISEASE TAUOPATHIES BY [11C]PBB3-PET 2014 , 10, P1-P1		
55	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		
54	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		
53	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		
52	IC-01-03: PARTICIPATION IN COGNITIVELY STIMULATING ACTIVITIES IS ASSOCIATED WITH BRAIN STRUCTURE AND COGNITIVE FUNCTION IN PRECLINICAL ALZHEIMER'S DISEASE 2014 , 10, P2-P2		
51	O2-02-03: CARDIORESPIRATORY FITNESS IS ASSOCIATED WITH BRAIN STRUCTURE, COGNITION, AND MOOD IN A MIDDLE-AGED COHORT AT RISK FOR ALZHEIMER'S DISEASE 2014 , 10, P165-P165		1
50	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		
49	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		
48	P3-100: HETEROGENEITY OF CEREBROSPINAL FLUID BIOMARKER LEVELS IN COGNITIVELY NORMAL INDIVIDUALS WITH A FAMILY HISTORY OF ALZHEIMER'S DISEASE 2014 , 10, P664-P664		
47	P2-118: CEREBROSPINAL FLUID MICROGLIAL MARKERS IN ALZHEIMER'S DISEASE, MCI, AND ASYMPTOMATIC ADULTS 2014 , 10, P514-P514		
46	Physical activity attenuates age-related biomarker alterations in preclinical AD. <i>Neurology</i> , 2014 , 83, 1753-60	6.5	135
45	Diffeomorphic metric mapping and probabilistic atlas generation of hybrid diffusion imaging based on BFOR signal basis. <i>Medical Image Analysis</i> , 2014 , 18, 1002-14	15.4	4
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42	Midlife measurements of white matter microstructure predict subsequent regional white matter atrophy in healthy adults. <i>Human Brain Mapping</i> , 2014 , 35, 2044-54	5.9	32
41	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, 4219-35	5.9	62
40	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, 422-33	3.1	21

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37	Canonical Correlation Analysis on Riemannian Manifolds and Its Applications. <i>Lecture Notes in Computer Science</i> , 2014 , 8690, 251-267	0.9	12
36	DT-0101: White matter cerebral blood flow is diminished in asymptomatic middle-aged adults with maternal history of Alzheimer's disease 2013 , 9, P842-P842		
35	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	3.7	17
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30	A 4D hyperspherical interpretation of q-space. <i>Lecture Notes in Computer Science</i> , 2013 , 16, 501-9	0.9	1
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25	Brain volumetric and microstructural correlates of executive and motor performance in aged rhesus monkeys. <i>Frontiers in Aging Neuroscience</i> , 2012 , 4, 31	5.3	22
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14	A within-subject comparison of 6-[18F]fluoro-m-tyrosine and 6-[18F]fluoro-L-dopa in Parkinson's disease. <i>Movement Disorders</i> , 2011 , 26, 2032-8	7	10
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