William J Jagust

List of Publications by Year
in descending order

348 papers	60,578 citations	1704 104 h-index	1116 231 g-index
374 all docs	374 docs citations	374 times ranked	34494 citing authors

#	Article	IF	Citations
1	The diagnosis of mild cognitive impairment due to Alzheimer's disease: Recommendations from the National Institute on Aging–Alzheimer's Association workgroups on diagnostic guidelines for Alzheimer's disease. Alzheimer's and Dementia, 2011, 7, 270-279.	0.8	7,498
2	NIA–AA Research Framework: Toward a biological definition of Alzheimer's disease. Alzheimer's and Dementia, 2018, 14, 535-562.	0.8	5,861
3	Hypothetical model of dynamic biomarkers of the Alzheimer's pathological cascade. Lancet Neurology, The, 2010, 9, 119-128.	10.2	3,792
4	Tracking pathophysiological processes in Alzheimer's disease: an updated hypothetical model of dynamic biomarkers. Lancet Neurology, The, 2013, 12, 207-216.	10.2	3,378
5	A/T/N: An unbiased descriptive classification scheme for Alzheimer disease biomarkers. Neurology, 2016, 87, 539-547.	1.1	1,216
6	Prevalence of Cerebral Amyloid Pathology in Persons Without Dementia. JAMA - Journal of the American Medical Association, 2015, 313, 1924.	7.4	1,166
7	Ways toward an early diagnosis in Alzheimer's disease: The Alzheimer's Disease Neuroimaging Initiative (ADNI). , 2005, 1, 55-66.		925
8	PET Imaging of Tau Deposition in the Aging Human Brain. Neuron, 2016, 89, 971-982.	8.1	899
9	Tau PET patterns mirror clinical and neuroanatomical variability in Alzheimer's disease. Brain, 2016, 139, 1551-1567.	7.6	833
10	Positron Emission Tomography in Evaluation of Dementia. JAMA - Journal of the American Medical Association, 2001, 286, 2120.	7.4	803
11	Associations between cognitive, functional, and FDG-PET measures of decline in AD and MCI. Neurobiology of Aging, 2011, 32, 1207-1218.	3.1	611
12	The Centiloid Project: Standardizing quantitative amyloid plaque estimation by PET. Alzheimer's and Dementia, 2015, 11, 1.	0.8	603
13	Earliest accumulation of Î²-amyloid occurs within the default-mode network and concurrently affects brain connectivity. Nature Communications, 2017, 8, 1214.	12.8	596
14	Amyloid deposition, hypometabolism, and longitudinal cognitive decline. Annals of Neurology, 2012, 72, 578-586.	5.3	559
15	The Alzheimer's Disease Neuroimaging Initiative: A review of papers published since its inception. Alzheimer's and Dementia, 2013, 9, e111-94.	0.8	535
16	FDG-PET improves accuracy in distinguishing frontotemporal dementia and Alzheimer's disease. Brain, 2007, 130, 2616-2635.	7.6	508
17	Prevalence of Amyloid PET Positivity in Dementia Syndromes. JAMA - Journal of the American Medical Association, 2015, 313, 1939.	7.4	501
18	Tau pathology and neurodegeneration contribute to cognitive impairment in Alzheimer's disease. Brain, 2017, 140, 3286-3300.	7.6	472

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19	The Alzheimer's Disease Neuroimaging Initiative positron emission tomography core. Alzheimer's and Dementia, 2010, 6, 221-229.	0.8	464
20	Anatomical Mapping of White Matter Hyperintensities (WMH). Stroke, 2005, 36, 50-55.	2.0	459
21	Aβ amyloid and glucose metabolism in three variants of primary progressive aphasia. Annals of Neurology, 2008, 64, 388-401.	5.3	434
22	Prefrontal atrophy, disrupted NREM slow waves and impaired hippocampal-dependent memory in aging. Nature Neuroscience, 2013, 16, 357-364.	14.8	434
23	The Alzheimer's Disease Neuroimaging Initiative: A review of papers published since its inception. Alzheimer's and Dementia, 2012, 8, S1-68.	0.8	432
24	β-amyloid disrupts human NREM slow waves and related hippocampus-dependent memory consolidation. Nature Neuroscience, 2015, 18, 1051-1057.	14.8	411
25	Clinical core of the Alzheimer's disease neuroimaging initiative: Progress and plans. Alzheimer's and Dementia, 2010, 6, 239-246.	0.8	402
26	The behavioural/dysexecutive variant of Alzheimer's disease: clinical, neuroimaging and pathological features. Brain, 2015, 138, 2732-2749.	7.6	397
27	Imaging the evolution and pathophysiology of Alzheimer disease. Nature Reviews Neuroscience, 2018, 19, 687-700.	10.2	372
28	Amyloid-β Imaging with Pittsburgh Compound B and Florbetapir: Comparing Radiotracers and Quantification Methods. Journal of Nuclear Medicine, 2013, 54, 70-77.	5.0	364
29	Prevalence of Dementia in Older Latinos: The Influence of Type 2 Diabetes Mellitus, Stroke and Genetic Factors. Journal of the American Geriatrics Society, 2003, 51, 169-177.	2.6	356
30	Prospective longitudinal atrophy in Alzheimer's disease correlates with the intensity and topography of baseline tau-PET. Science Translational Medicine, 2020, 12, .	12.4	353
31	Old Brains Come Uncoupled in Sleep: Slow Wave-Spindle Synchrony, Brain Atrophy, and Forgetting. Neuron, 2018, 97, 221-230.e4.	8.1	343
32	Comparison of multiple tau-PET measures as biomarkers in aging and Alzheimer's disease. NeuroImage, 2017, 157, 448-463.	4.2	341
33	Comparing positron emission tomography imaging and cerebrospinal fluid measurements of β‑amyloid. Annals of Neurology, 2013, 74, 826-836.	5.3	320
34	Sleep: A Novel Mechanistic Pathway, Biomarker, and Treatment Target in the Pathology of Alzheimer's Disease?. Trends in Neurosciences, 2016, 39, 552-566.	8.6	320
35	Existing Pittsburgh Compound-B positron emission tomography thresholds are too high: statistical and pathological evaluation. Brain, 2015, 138, 2020-2033.	7.6	319
36	Striatal Dopamine Predicts Outcome-Specific Reversal Learning and Its Sensitivity to Dopaminergic Drug Administration. Journal of Neuroscience, 2009, 29, 1538-1543.	3.6	315

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37	Relationships between Beta-Amyloid and Functional Connectivity in Different Components of the Default Mode Network in Aging. Cerebral Cortex, 2011, 21, 2399-2407.	2.9	306
38	Understanding disease progression and improving Alzheimer's disease clinical trials: Recent highlights from the Alzheimer's Disease Neuroimaging Initiative. Alzheimer's and Dementia, 2019, 15, 106-152.	0.8	302
39	Vulnerable Neural Systems and the Borderland of Brain Aging and Neurodegeneration. Neuron, 2013, 77, 219-234.	8.1	285
40	Spread of pathological tau proteins through communicating neurons in human Alzheimer's disease. Nature Communications, 2020, 11, 2612.	12.8	283
41	Neuropathological basis of magnetic resonance images in aging and dementia. Annals of Neurology, 2008, 63, 72-80.	5.3	282
42	Diverging patterns of amyloid deposition and hypometabolism in clinical variants of probable Alzheimer's disease. Brain, 2013, 136, 844-858.	7.6	280
43	Association of Lifetime Cognitive Engagement and Low β-Amyloid Deposition. Archives of Neurology, 2012, 69, 623.	4.5	278
44	Measurement of Longitudinal β-Amyloid Change with ^{18}F-Florbetapir PET and Standardized Uptake Value Ratios. Journal of Nuclear Medicine, 2015, 56, 567-574.	5.0	273
45	The Alzheimer's Disease Neuroimaging Initiative 3: Continued innovation for clinical trial improvement. Alzheimer's and Dementia, 2017, 13, 561-571.	0.8	266
46	Neuropathologic Substrates of Ischemic Vascular Dementia. Journal of Neuropathology and Experimental Neurology, 2000, 59, 931-945.	1.7	265
47	Working Memory Capacity Predicts Dopamine Synthesis Capacity in the Human Striatum. Journal of Neuroscience, 2008, 28, 1208-1212.	3.6	264
48	Subjective Cognition and Amyloid Deposition Imaging. Archives of Neurology, 2012, 69, 223.	4.5	261
49	2014 Update of the Alzheimer's Disease Neuroimaging Initiative: A review of papers published since its inception. Alzheimer's and Dementia, 2015, 11, e1-120.	0.8	261
50	Anosognosia in Alzheimer's disease: Relationships to depression, cognitive function, and cerebral perfusion. Neuropsychology, Development and Cognition Section A: Journal of Clinical and Experimental Neuropsychology, 1993, 15, 231-244.	1.1	258
51	Categorical and correlational analyses of baseline fluorodeoxyglucose positron emission tomography images from the Alzheimer's Disease Neuroimaging Initiative (ADNI). NeuroImage, 2009, 45, 1107-1116.	4.2	258
52	Central Obesity and the Aging Brain. Archives of Neurology, 2005, 62, 1545-8.	4.5	254
53	Striatal Dopamine and Working Memory. Cerebral Cortex, 2009, 19, 445-454.	2.9	251
54	Profiles of neuropsychological impairment in autopsy-defined Alzheimer's disease and cerebrovascular disease. Brain, 2007, 130, 731-739.	7.6	242

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55	Increased metabolic vulnerability in early-onset Alzheimer's disease is not related to amyloid burden. Brain, 2010, 133, 512-528.	7.6	242
56	Cognitive impact of subcortical vascular and Alzheimer's disease pathology. Annals of Neurology, 2006, 60, 677-687.	5.3	236
57	Association Between Anticholinergic Medication Use and Cognition, Brain Metabolism, and Brain Atrophy in Cognitively Normal Older Adults. JAMA Neurology, 2016, 73, 721.	9.0	235
58	Suspected non-Alzheimer disease pathophysiology â€" concept and controversy. Nature Reviews Neurology, 2016, 12, 117-124.	10.1	230
59	Brain imaging evidence of preclinical Alzheimer's disease in normal aging. Annals of Neurology, 2006, 59, 673-681.	5.3	220
60	Recent publications from the Alzheimer's Disease Neuroimaging Initiative: Reviewing progress toward improved AD clinical trials. Alzheimer's and Dementia, 2017, 13, e1-e85.	0.8	213
61	Considerations and code for partial volume correcting [18 F]-AV-1451 tau PET data. Data in Brief, 2017, 15, 648-657.	1.0	204
62	Associations Between Serum Cholesterol Levels and Cerebral Amyloidosis. JAMA Neurology, 2014, 71, 195.	9.0	201
63	Entorhinal Tau Pathology, Episodic Memory Decline, and Neurodegeneration in Aging. Journal of Neuroscience, 2018, 38, 530-543.	3.6	201
64	Independent information from cerebrospinal fluid amyloid-Î² and florbetapir imaging in Alzheimer's disease. Brain, 2015, 138, 772-783.	7.6	200
65	The Alzheimer's Disease Neuroimaging Initiative 2 PET Core: 2015. Alzheimer's and Dementia, 2015, 11, 757-771.	0.8	199
66	Longitudinal tau accumulation and atrophy in aging and alzheimer disease. Annals of Neurology, 2019, 85, 229-240.	5.3	198
67	Atrophy patterns in early clinical stages across distinct phenotypes of <scp>A</scp>lzheimer's disease. Human Brain Mapping, 2015, 36, 4421-4437.	3.6	196
68	White Matter Changes Compromise Prefrontal Cortex Function in Healthy Elderly Individuals. Journal of Cognitive Neuroscience, 2006, 18, 418-429.	2.3	195
69	Lifespan brain activity, Î²-amyloid, and Alzheimer's disease. Trends in Cognitive Sciences, 2011, 15, 520-526.	7.8	186
70	Impact of the Alzheimer's Disease Neuroimaging Initiative, 2004 to 2014. Alzheimer's and Dementia, 2015, 11, 865-884.	0.8	181
71	Neural compensation in older people with brain amyloid-Î² deposition. Nature Neuroscience, 2014, 17, 1316-1318.	14.8	167
72	Cerebral blood flow in ischemic vascular dementia and Alzheimer's disease, measured by arterial spinâ€‹labeling magnetic resonance imaging. Alzheimer's and Dementia, 2009, 5, 454-462.	0.8	163

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73	Biomarkers for tau pathology. Molecular and Cellular Neurosciences, 2019, 97, 18-33.	2.2	163
74	The EADCâ€ADNI Harmonized Protocol for manual hippocampal segmentation on magnetic resonance: Evidence of validity. Alzheimer's and Dementia, 2015, 11, 111-125.	0.8	162
75	Sleep as a Potential Biomarker of Tau and Î²-Amyloid Burden in the Human Brain. Journal of Neuroscience, 2019, 39, 6315-6324.	3.6	160
76	<i>APOE</i> effect on Alzheimer's disease biomarkers in older adults with significant memory concern. Alzheimer's and Dementia, 2015, 11, 1417-1429.	0.8	157
77	Multisite study of the relationships between <i>antemortem</i> [¹¹C]PIBâ€PET Centiloid values and <i>postmortem</i> measures of Alzheimer's disease neuropathology. Alzheimer's and Dementia, 2019, 15, 205-216.	0.8	155
78	Longitudinal Change of Biomarkers in Cognitive Decline. Archives of Neurology, 2011, 68, 1257.	4.5	152
79	Factors affecting AÎ² plasma levels and their utility as biomarkers in ADNI. Acta Neuropathologica, 2011, 122, 401-13.	7.7	151
80	Association of brain amyloid-Î² with cerebral perfusion and structure in Alzheimerâ€™s disease and mild cognitive impairment. Brain, 2014, 137, 1550-1561.	7.6	150
81	¹⁸Fâ€flortaucipir tau positron emission tomography distinguishes established progressive supranuclear palsy from controls and Parkinson disease: A multicenter study. Annals of Neurology, 2017, 82, 622-634.	5.3	148
82	Accuracy of Tau Positron Emission Tomography as a Prognostic Marker in Preclinical and Prodromal Alzheimer Disease. JAMA Neurology, 2021, 78, 961.	9.0	148
83	Apolipoprotein E, Not Fibrillar Î²-Amyloid, Reduces Cerebral Glucose Metabolism in Normal Aging. Journal of Neuroscience, 2012, 32, 18227-18233.	3.6	146
84	Longitudinal Associations of Blood Phosphorylated Tau181 and Neurofilament Light Chain With Neurodegeneration in Alzheimer Disease. JAMA Neurology, 2021, 78, 396.	9.0	146
85	Twelve-month metabolic declines in probable Alzheimer's disease and amnestic mild cognitive impairment assessed using an empirically pre-defined statistical region-of-interest: Findings from the Alzheimer's Disease Neuroimaging Initiative. NeuroImage, 2010, 51, 654-664.	4.2	145
86	Characterizing Alzheimer's disease using a hypometabolic convergence index. NeuroImage, 2011, 56, 52-60.	4.2	144
87	Associations Between Alzheimer Disease Biomarkers, Neurodegeneration, and Cognition in Cognitively Normal Older People. JAMA Neurology, 2013, 70, 1512-9.	9.0	139
88	Vascular burden and Alzheimer disease pathologic progression. Neurology, 2012, 79, 1349-1355.	1.1	138
89	Not quite PIB-positive, not quite PIB-negative: Slight PIB elevations in elderly normal control subjects are biologically relevant. NeuroImage, 2012, 59, 1152-1160.	4.2	137
90	Alzheimer's Disease Neurodegenerative Biomarkers Are Associated with Decreased Cognitive Function but Not Î²-Amyloid in Cognitively Normal Older Individuals. Journal of Neuroscience, 2013, 33, 5553-5563.	3.6	133

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91	Association of Cerebral Amyloid-β Aggregation With Cognitive Functioning in Persons Without Dementia. JAMA Psychiatry, 2018, 75, 84.	11.0	133
92	Alzheimer's pathology targets distinct memory networks in the ageing brain. Brain, 2019, 142, 2492-2509.	7.6	131
93	Aβ Deposition in Aging Is Associated with Increases in Brain Activation during Successful Memory Encoding. Cerebral Cortex, 2012, 22, 1813-1823.	2.9	126
94	The role of apolipoprotein E (APOE) genotype in early mild cognitive impairment (E-MCI). Frontiers in Aging Neuroscience, 2013, 5, 11.	3.4	126
95	Local and distant relationships between amyloid, tau and neurodegeneration in Alzheimer's Disease. NeuroImage: Clinical, 2018, 17, 452-464.	2.7	126
96	Tau, amyloid, and hypometabolism in a patient with posterior cortical atrophy. Annals of Neurology, 2015, 77, 338-342.	5.3	124
97	Cognition, glucose metabolism and amyloid burden in Alzheimer's disease. Neurobiology of Aging, 2012, 33, 215-225.	3.1	122
98	Improved Power for Characterizing Longitudinal Amyloid-β PET Changes and Evaluating Amyloid-Modifying Treatments with a Cerebral White Matter Reference Region. Journal of Nuclear Medicine, 2015, 56, 560-566.	5.0	122
99	18F-flortaucipir (AV-1451) tau PET in frontotemporal dementia syndromes. Alzheimer's Research and Therapy, 2019, 11, 13.	6.2	121
100	Dopamine Supports Coupling of Attention-Related Networks. Journal of Neuroscience, 2012, 32, 9582-9587.	3.6	118
101	Impaired Prefrontal Sleep Spindle Regulation of Hippocampal-Dependent Learning in Older Adults. Cerebral Cortex, 2014, 24, 3301-3309.	2.9	117
102	GWAS of longitudinal amyloid accumulation on ^{18}F-florbetapir PET in Alzheimer's disease implicates microglial activation gene *IL1RAP*. Brain, 2015, 138, 3076-3088.	7.6	117
103	Aging Affects Dopaminergic Neural Mechanisms of Cognitive Flexibility. Journal of Neuroscience, 2016, 36, 12559-12569.	3.6	116
104	Memory decline accompanies subthreshold amyloid accumulation. Neurology, 2018, 90, e1452-e1460.	1.1	116
105	Cardiovascular risk factors, cortisol, and amyloid-β deposition in Alzheimer's Disease Neuroimaging Initiative. Alzheimer's and Dementia, 2012, 8, 483-489.	0.8	113
106	The Aging Brain and Cognition. JAMA Neurology, 2013, 70, 488.	9.0	113
107	Associations between [[18] F]AV1451 tau PET and CSF measures of tau pathology in a clinical sample. Neurology, 2018, 90, e282-e290.	1.1	113
108	Cerebrovascular disease, beta-amyloid, and cognition in aging. Neurobiology of Aging, 2012, 33, 1006.e25-1006.e36.	3.1	112

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109	Tau and Î²-Amyloid Are Associated with Medial Temporal Lobe Structure, Function, and Memory Encoding in Normal Aging. Journal of Neuroscience, 2017, 37, 3192-3201.	3.6	110
110	Sleep Disturbance Forecasts Î²-Amyloid Accumulation across Subsequent Years. Current Biology, 2020, 30, 4291-4298.e3.	3.9	110
111	Brain imaging in the study of Alzheimer's disease. NeuroImage, 2012, 61, 505-516.	4.2	109
112	White Matter Changes Compromise Prefrontal Cortex Function in Healthy Elderly Individuals. Journal of Cognitive Neuroscience, 2006, 18, 418-429.	2.3	108
113	Gene-Environment Interactions: Lifetime Cognitive Activity, APOE Genotype, and Beta-Amyloid Burden. Journal of Neuroscience, 2014, 34, 8612-8617.	3.6	107
114	Mental Status as a Predictor of Daily Function in Progressive Dementia. Gerontologist, The, 1989, 29, 804-807.	3.9	106
115	Intrinsic connectivity networks in healthy subjects explain clinical variability in Alzheimerâ€™s disease. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 11606-11611.	7.1	105
116	White matter lesions are associated with cortical atrophy more than entorhinal and hippocampal atrophy. Neurobiology of Aging, 2005, 26, 553-559.	3.1	104
117	Amyloid negativity in patients with clinically diagnosed Alzheimer disease and MCI. Neurology, 2016, 86, 1377-1385.	1.1	103
118	Neuroprotective pathways: lifestyle activity, brain pathology, and cognition in cognitively normal older adults. Neurobiology of Aging, 2014, 35, 1873-1882.	3.1	102
119	Regional brain hypometabolism is unrelated to regional amyloid plaque burden. Brain, 2015, 138, 3734-3746.	7.6	101
120	Subthreshold Amyloid Predicts Tau Deposition in Aging. Journal of Neuroscience, 2018, 38, 4482-4489.	3.6	101
121	18F-flortaucipir PET to autopsy comparisons in Alzheimerâ€™s disease and other neurodegenerative diseases. Brain, 2020, 143, 3477-3494.	7.6	100
122	Î²-Amyloid affects frontal and posterior brain networks in normal aging. NeuroImage, 2011, 54, 1887-1895.	4.2	98
123	The influence of biological and technical factors on quantitative analysis of amyloid PET: Points to consider and recommendations for controlling variability in longitudinal data. Alzheimer's and Dementia, 2015, 11, 1050-1068.	0.8	98
124	Spatial patterns of brain amyloid-Â burden and atrophy rate associations in mild cognitive impairment. Brain, 2011, 134, 1077-1088.	7.6	97
125	Increased Striatal Dopamine Synthesis Capacity in Gambling Addiction. Biological Psychiatry, 2018, 83, 1036-1043.	1.3	97
126	Prevalence Estimates of Amyloid Abnormality Across the Alzheimer Disease Clinical Spectrum. JAMA Neurology, 2022, 79, 228.	9.0	97

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127	Diagnostic accuracy of CSF Ab42 and florbetapir PET for Alzheimer's disease. Annals of Clinical and Translational Neurology, 2014, 1, 534-543.	3.7	96
128	Effect of Off-Target Binding on ^{18}F-Flortaucipir Variability in Healthy Controls Across the Life Span. Journal of Nuclear Medicine, 2019, 60, 1444-1451.	5.0	96
129	Imaging biomarkers in neurodegeneration: current and future practices. Alzheimer's Research and Therapy, 2020, 12, 49.	6.2	96
130	Hippocampal activation is associated with longitudinal amyloid accumulation and cognitive decline. ELife, 2017, 6, .	6.0	95
131	Effects of Subcortical Cerebral Infarction on Cortical Glucose Metabolism and Cognitive Function. Archives of Neurology, 1999, 56, 809.	4.5	94
132	Reference Tissue–Based Kinetic Evaluation of ^{18}F-AV-1451 for Tau Imaging. Journal of Nuclear Medicine, 2017, 58, 332-338.	5.0	94
133	Association between tau deposition and antecedent amyloid-β accumulation rates in normal and early symptomatic individuals. Brain, 2017, 140, 1499-1512.	7.6	93
134	CSF Biomarker and PIB-PET-Derived Beta-Amyloid Signature Predicts Metabolic, Gray Matter, and Cognitive Changes in Nondemented Subjects. Cerebral Cortex, 2012, 22, 1993-2004.	2.9	92
135	Reduced temporal lobe blood flow in alzheimer's disease. Neurobiology of Aging, 1992, 13, 483-491.	3.1	89
136	Covarying alterations in Aβ deposition, glucose metabolism, and gray matter volume in cognitively normal elderly. Human Brain Mapping, 2014, 35, 297-308.	3.6	88
137	Relationship of Striatal Dopamine Synthesis Capacity to Age and Cognition. Journal of Neuroscience, 2008, 28, 14320-14328.	3.6	87
138	Nonlinear Association Between Cerebrospinal Fluid and Florbetapir F-18 β-Amyloid Measures Across the Spectrum of Alzheimer Disease. JAMA Neurology, 2015, 72, 571.	9.0	87
139	Is amyloid-β harmful to the brain? Insights from human imaging studies. Brain, 2016, 139, 23-30.	7.6	87
140	Effects of Beta-Amyloid on Resting State Functional Connectivity Within and Between Networks Reflect Known Patterns of Regional Vulnerability. Cerebral Cortex, 2016, 26, bhu259.	2.9	85
141	Dynamic PET Measures of Tau Accumulation in Cognitively Normal Older Adults and Alzheimer's Disease Patients Measured Using [18F] THK-5351. PLoS ONE, 2016, 11, e0158460.	2.5	85
142	Assessment of Extent and Role of Tau in Subcortical Vascular Cognitive Impairment Using ^{18}F-AV1451 Positron Emission Tomography Imaging. JAMA Neurology, 2018, 75, 999.	9.0	85
143	Vascular risk and Aβ interact to reduce cortical thickness in AD vulnerable brain regions. Neurology, 2014, 83, 40-47.	1.1	83
144	Cortical tau deposition follows patterns of entorhinal functional connectivity in aging. ELife, 2019, 8, .	6.0	83

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145	Clinical Studies of Cerebral Blood Flow in Alzheimer's Disease. Annals of the New York Academy of Sciences, 1997, 826, 254-262.	3.8	82
146	Summary Metrics to Assess Alzheimer Disease–Related Hypometabolic Pattern with ^{18}F-FDG PET: Head-to-Head Comparison. Journal of Nuclear Medicine, 2012, 53, 592-600.	5.0	79
147	Performance of patients with early HIV-1 infection on the stroop task. Neuropsychology, Development and Cognition Section A: Journal of Clinical and Experimental Neuropsychology, 1992, 14, 857-868.	1.1	78
148	Using Pittsburgh Compound B for In Vivo PET Imaging of Fibrillar Amyloid-Beta. Advances in Pharmacology, 2012, 64, 27-81.	2.0	78
149	Associations between White Matter Hyperintensities and Î² Amyloid on Integrity of Projection, Association, and Limbic Fiber Tracts Measured with Diffusion Tensor MRI. PLoS ONE, 2013, 8, e65175.	2.5	77
150	Neuronal injury biomarkers and prognosis in ADNI subjects with normal cognition. Acta Neuropathologica Communications, 2014, 2, 26.	5.2	77
151	Frontotemporal dementia with the V337M *MAPT* mutation. Neurology, 2017, 88, 758-766.	1.1	76
152	Rates of Amyloid Imaging Positivity in Patients With Primary Progressive Aphasia. JAMA Neurology, 2018, 75, 342.	9.0	76
153	Dynamic relationships between age, amyloid-Î² deposition, and glucose metabolism link to the regional vulnerability to Alzheimer's disease. Brain, 2016, 139, 2275-2289.	7.6	75
154	Brain function and cognition in a community sample of elderly Latinos. Neurology, 2002, 59, 378-383.	1.1	73
155	Tau covariance patterns in Alzheimer's disease patients match intrinsic connectivity networks in the healthy brain. NeuroImage: Clinical, 2019, 23, 101848.	2.7	73
156	Association of *APOE4* and Clinical Variability in Alzheimer Disease With the Pattern of Tau- and Amyloid-PET. Neurology, 2021, 96, e650-e661.	1.1	73
157	Early ^{11}C-PIB Frames and ^{18}F-FDG PET Measures Are Comparable: A Study Validated in a Cohort of AD and FTLD Patients. Journal of Nuclear Medicine, 2011, 52, 173-179.	5.0	72
158	Loss of functional connectivity is greater outside the default mode network in nonfamilial early-onset Alzheimer's disease variants. Neurobiology of Aging, 2015, 36, 2678-2686.	3.1	72
159	Association of Serum Docosahexaenoic Acid With Cerebral Amyloidosis. JAMA Neurology, 2016, 73, 1208.	9.0	72
160	Effect of Cognitive Reserve Markers on Alzheimer Pathologic Progression. Alzheimer Disease and Associated Disorders, 2013, 27, 343-350.	1.3	67
161	Amyloid and tau PET demonstrate region-specific associations in normal older people. NeuroImage, 2017, 150, 191-199.	4.2	67
162	Tau deposition is associated with functional isolation of the hippocampus in aging. Nature Communications, 2019, 10, 4900.	12.8	67

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163	Coronary risk correlates with cerebral amyloid deposition. Neurobiology of Aging, 2012, 33, 1979-1987.	3.1	66
164	Spontaneous eye blink rate and dopamine synthesis capacity: preliminary evidence for an absence of positive correlation. European Journal of Neuroscience, 2018, 47, 1081-1086.	2.6	66
165	Dopamine and frontostriatal networks in cognitive aging. Neurobiology of Aging, 2012, 33, 623.e15-623.e24.	3.1	65
166	Visuoconstructive performance and regional cerebral glucose metabolism in alzheimer's disease. Neuropsychology, Development and Cognition Section A: Journal of Clinical and Experimental Neuropsychology, 1991, 13, 752-772.	1.1	64
167	Brain morphology, cognition, and Î²-amyloid in older adults with superior memory performance. Neurobiology of Aging, 2018, 67, 162-170.	3.1	63
168	Time to Amyloid Positivity and Preclinical Changes in Brain Metabolism, Atrophy, and Cognition: Evidence for Emerging Amyloid Pathology in Alzheimer's Disease. Frontiers in Neuroscience, 2017, 11, 281.	2.8	62
169	Relationships Between Tau and Glucose Metabolism Reflect Alzheimerâ€™s Disease Pathology in Cognitively Normal Older Adults. Cerebral Cortex, 2019, 29, 1997-2009.	2.9	61
170	The effect of amyloid Î² on cognitive decline is modulated by neural integrity in cognitively normal elderly. Alzheimer's and Dementia, 2013, 9, 687.	0.8	59
171	Parallel ICA of FDG-PET and PiB-PET in three conditions with underlying Alzheimer's pathology. NeuroImage: Clinical, 2014, 4, 508-516.	2.7	59
172	Neurophysiological signatures in Alzheimerâ€™s disease are distinctly associated with TAU, amyloid-Î² accumulation, and cognitive decline. Science Translational Medicine, 2020, 12, .	12.4	59
173	Molecular neuroimaging in Alzheimerâ€™s disease. NeuroRx, 2004, 1, 206-212.	6.0	58
174	Frontotemporal Network Connectivity during Memory Encoding Is Increased with Aging and Disrupted by Beta-Amyloid. Journal of Neuroscience, 2013, 33, 18425-18437.	3.6	58
175	Prevalence of the apolipoprotein E Îµ4 allele in amyloid Î² positive subjects across the spectrum of Alzheimer's disease. Alzheimer's and Dementia, 2018, 14, 913-924.	0.8	58
176	Atrophy, hypometabolism and clinical trajectories in patients with amyloid-negative Alzheimerâ€™s disease. Brain, 2016, 139, 2528-2539.	7.6	58
177	Comparison of Visual and Quantitative Florbetapir F 18 Positron Emission Tomography Analysis in Predicting Mild Cognitive Impairment Outcomes. JAMA Neurology, 2015, 72, 1183.	9.0	57
178	Associations Between Tau, Î²-Amyloid, and Cognition in Parkinson Disease. JAMA Neurology, 2018, 75, 227.	9.0	57
179	Using the Alzheimer's Disease Neuroimaging Initiative to improve early detection, diagnosis, and treatment of Alzheimer's disease. Alzheimer's and Dementia, 2022, 18, 824-857.	0.8	56
180	AÎ² Imaging: feasible, pertinent, and vital to progress in Alzheimerâ€™s disease. European Journal of Nuclear Medicine and Molecular Imaging, 2012, 39, 209-219.	6.4	55

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