

# Ann Cohen

## List of Publications by Year in descending order

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Version: 2024-02-01

80  
papers

6,048  
citations

186265

28  
h-index

98798

67  
g-index

89  
all docs

89  
docs citations

89  
times ranked

7296  
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Comparison of the Tau PET Tracers <sup>18</sup> F-Flortaucipir and <sup>18</sup> F-MK-6240 in Human Subjects. <i>Journal of Nuclear Medicine</i> , 2022, 63, 108-116.	5.0	39
2	Prevalence Estimates of Amyloid Abnormality Across the Alzheimer Disease Clinical Spectrum. <i>JAMA Neurology</i> , 2022, 79, 228.	9.0	97
3	Low untreated systolic blood pressure over 18 years is associated with survival free of dementia age 90+. <i>Alzheimer's and Dementia</i> , 2022, , .	0.8	2
4	White matter microstructure associations to amyloid burden in adults with Down syndrome. <i>NeuroImage: Clinical</i> , 2022, 33, 102908.	2.7	1
5	Brain health correlates of mobility-related confidence. <i>Experimental Gerontology</i> , 2022, 163, 111776.	2.8	1
6	Alzheimer's disease pathology in a community-based sample of older adults without dementia: The MYHAT neuroimaging study. <i>Brain Imaging and Behavior</i> , 2021, 15, 1355-1363.	2.1	7
7	Cognitive Functions Predict Trajectories of Sleepiness Over 10 Years: A Population-Based Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 520-527.	3.6	7
8	Neurofibrillary tau depositions emerge with subthreshold cerebral beta-amyloidosis in down syndrome. <i>NeuroImage: Clinical</i> , 2021, 31, 102740.	2.7	9
9	PET measurement of longitudinal amyloid load identifies the earliest stages of amyloid-beta accumulation during Alzheimer's disease progression in Down syndrome. <i>NeuroImage</i> , 2021, 228, 117728.	4.2	15
10	White matter microstructure associations with episodic memory in adults with Down syndrome: a tract-based spatial statistics study. <i>Journal of Neurodevelopmental Disorders</i> , 2021, 13, 17.	3.1	9
11	Cognition and Cerebrovascular Reactivity in Midlife Women With History of Preeclampsia and Placental Evidence of Maternal Vascular Malperfusion. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 637574.	3.4	13
12	An Effect of Education on Memory-Encoding Activation in Subjective Cognitive Decline. <i>Journal of Alzheimer's Disease</i> , 2021, 81, 1065-1078.	2.6	5
13	Characterization of point-spread function specification error on Geometric Transfer Matrix partial volume correction in [ <sup>11</sup> C]PiB amyloid imaging. <i>EJNMMI Physics</i> , 2021, 8, 54.	2.7	0
14	Differences in Alzheimer's Disease and Related Dementias Pathology Among African American and Hispanic Women: A Qualitative Literature Review of Biomarker Studies. <i>Frontiers in Systems Neuroscience</i> , 2021, 15, 685957.	2.5	9
15	What Is T+? A Gordian Knot of Tracers, Thresholds, and Topographies. <i>Journal of Nuclear Medicine</i> , 2021, 62, 614-619.	5.0	21
16	Connectomics in Brain Aging and Dementia – The Background and Design of a Study of a Connectome Related to Human Disease. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 669490.	3.4	10
17	A multi-scanner neuroimaging data harmonization using RAVEL and ComBat. <i>NeuroImage</i> , 2021, 245, 118703.	4.2	31
18	Associations between cognition, A $\beta$ , and tau in adults with Down syndrome. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	0

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19	An improved algorithm of white matter hyperintensity detection in elderly adults. <i>NeuroImage: Clinical</i> , 2020, 25, 102151.	2.7	12
20	Trajectories of daytime sleepiness and their associations with dementia incidence. <i>Journal of Sleep Research</i> , 2020, 29, e12952.	3.2	16
21	Associations between NIH Toolbox Cognition Battery and <i>in vivo</i> brain amyloid and tau pathology in non-demented older adults. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020, 12, e12018.	2.4	17
22	Relationship of amyloid beta and neurofibrillary tau deposition in Neurodegeneration in Aging Down Syndrome (NIAD) study at baseline. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2020, 6, e12096.	3.7	15
23	Predicting resistance to amyloid-beta deposition and cognitive resilience in the oldest-old. <i>Neurology</i> , 2020, 95, e984-e994.	1.1	14
24	Hippocampal sclerosis, TDP43, and the duration of the symptoms of dementia of AD patients. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 1546-1556.	3.7	15
25	White matter microstructure and episodic memory in adults with down syndrome: A Tract-Based Spatial Statistics (TBSS) Study. <i>Alzheimer's and Dementia</i> , 2020, 16, e044673.	0.8	1
26	Evaluation of amyloid and tau PET quantitation methods using a 3D-printed anatomically accurate brain phantom. <i>Alzheimer's and Dementia</i> , 2020, 16, e045455.	0.8	0
27	Amyloid accumulation in Down syndrome measured with amyloid load. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020, 12, e12020.	2.4	19
28	The roles of study setting, response bias, and personality in subjective memory complaints of cognitively normal older adults. <i>International Psychogeriatrics</i> , 2020, 33, 1-12.	1.0	3
29	A randomized controlled trial of amyloid positron emission tomography results disclosure in mild cognitive impairment. <i>Alzheimer's and Dementia</i> , 2020, 16, 1330-1337.	0.8	19
30	Influence of apolipoprotein-E genotype on brain amyloid load and longitudinal trajectories. <i>Neurobiology of Aging</i> , 2020, 94, 111-120.	3.1	15
31	Patterns of glucose hypometabolism in Down syndrome resemble sporadic Alzheimer's disease except for the putamen. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020, 12, e12138.	2.4	7
32	Statistical Methods for Processing Neuroimaging Data from Two Different Sites with a Down Syndrome Population Application. <i>Communications in Computer and Information Science</i> , 2020, , 367-379.	0.5	1
33	Relationships Between Executive Control Circuit Activity, Amyloid Burden, and Education in Cognitively Healthy Older Adults. <i>American Journal of Geriatric Psychiatry</i> , 2019, 27, 1360-1371.	1.2	9
34	Preface. <i>Progress in Molecular Biology and Translational Science</i> , 2019, 165, xiii.	1.7	0
35	Alzheimer's disease in aging Down syndrome. <i>Developmental Neurobiology</i> , 2019, 79, 611-612.	3.0	2
36	P4631: ALZHEIMER'S DISEASE PATHOLOGY IN A COMMUNITY-BASED SAMPLE OF OLDER ADULTS WITHOUT DEMENTIA: A POPULATION-NEUROSCIENCE APPROACH. <i>Alzheimer's and Dementia</i> , 2019, 15, P1569.	0.8	0

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37	ICâ€06â€04: SLEEP, COGNITION, AND Î²â€AMYLOID IN ADULTS WITH DOWN SYNDROME. Alzheimer's and Dementia, 2019, 15, P12.	0.8	1
38	ICâ€06â€02: ASSOCIATIONS BETWEEN AÎ² AND TAU IN ADULTS WITH DOWN SYNDROME. Alzheimer's and Dementia, 2019, 15, P11.	0.8	0
39	ICâ€06â€01: ASSESSMENT OF LONGITUDINAL AMYLOID LOAD CHANGE IN DOWN SYNDROME. Alzheimer's and Dementia, 2019, 15, P10.	0.8	0
40	Fluid and PET biomarkers for amyloid pathology in Alzheimer's disease. Molecular and Cellular Neurosciences, 2019, 97, 3-17.	2.2	82
41	Perspectives on ethnic and racial disparities in Alzheimer's disease and related dementias: Update and areas of immediate need. Alzheimer's and Dementia, 2019, 15, 292-312.	0.8	310
42	Comparison of longitudinal AÎ² in nondemented elderly and Down syndrome. Neurobiology of Aging, 2019, 73, 171-176.	3.1	13
43	Amyloid deposition is associated with different patterns of hippocampal connectivity in men versus women. Neurobiology of Aging, 2019, 76, 141-150.	3.1	6
44	Amyloid deposition and brain structure as long-term predictors of MCI, dementia, and mortality. Neurology, 2018, 90, e1920-e1928.	1.1	36
45	Early striatal amyloid deposition distinguishes Down syndrome and autosomal dominant Alzheimer's disease from late-onset amyloid deposition. Alzheimer's and Dementia, 2018, 14, 743-750.	0.8	51
46	Prevalence of the apolipoprotein E Î¼4 allele in amyloid Î² positive subjects across the spectrum of Alzheimer's disease. Alzheimer's and Dementia, 2018, 14, 913-924.	0.8	58
47	Association of Cerebral Amyloid-Î² Aggregation With Cognitive Functioning in Persons Without Dementia. JAMA Psychiatry, 2018, 75, 84.	11.0	133
48	Amyloid Î² Deposition and Suspected Non-Alzheimer Pathophysiology and Cognitive Decline Patterns for 12 Years in Oldest Old Participants Without Dementia. JAMA Neurology, 2018, 75, 88.	9.0	33
49	The use of Centiloids for applying [ <sup>11</sup> C]PiB classification cutoffs across region-of-interest delineation methods. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2018, 10, 332-339.	2.4	22
50	Sleep moderates the relationship between amyloid beta and memory recall. Neurobiology of Aging, 2018, 71, 142-148.	3.1	31
51	The Relationship of Current Cognitive Activity to Brain Amyloid Burden and Glucose Metabolism. American Journal of Geriatric Psychiatry, 2018, 26, 977-984.	1.2	5
52	Amyloid-Beta Deposition is Associated with Increased Medial Temporal Lobe Activation during Memory Encoding in the Cognitively Normal Elderly. American Journal of Geriatric Psychiatry, 2017, 25, 551-560.	1.2	16
53	[P1â€403]: [Fâ€18]AVâ€1451 PET IN NONâ€DEMENTED ADULTS WITH DOWN SYNDROME IS RELATED TO BOTH AMYLOID AND COGNITION. Alzheimer's and Dementia, 2017, 13, P428.	0.8	1
54	O1â€01â€04: Increases in Pib Retention are Associated with Increased Cerebral Glucose Metabolism in Cognitively Normal Elderly: Role for Compensatory Hypermetabolism?. Alzheimer's and Dementia, 2016, 12, P171.	0.8	0

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55	Brain Amyloidosis and Triglycerides: Preventing Alzheimer Disease Pathology by Treating Vascular Disease?. American Journal of Geriatric Psychiatry, 2016, 24, 613-614.	1.2	0
56	Distinct pathways for cognitive decline in the presence of Alzheimer's disease pathology or cerebrovascular disease. Brain, 2016, 139, 2340-2341.	7.6	5
57	O3-01-06: Effect of cognitively stimulating activities on PiB-PET in cognitively normal elderly. , 2015, 11, P219-P219.		0
58	Comparison of qualitative and quantitative imaging characteristics of [ 11 C]PiB and [ 18 F]flutemetamol in normal control and Alzheimer's subjects. NeuroImage: Clinical, 2015, 9, 592-598.	2.7	48
59	Amyloid- $\beta$ Imaging in Older Adults Presenting to a Memory Clinic with Subjective Cognitive Decline: A Pilot Study. Journal of Alzheimer's Disease, 2015, 48, S151-S159.	2.6	80
60	P3-155: Early striatal amyloid deposition distinguishes down syndrome and autosomal dominant Alzheimer's disease from late-onset amyloid deposition. , 2015, 11, P687-P688.		0
61	Incidental Cerebral Microbleeds and Cerebral Blood Flow in Elderly Individuals. JAMA Neurology, 2015, 72, 1021.	9.0	71
62	Subjective Cognitive Complaints, Personality and Brain Amyloid-beta in Cognitively Normal Older Adults. American Journal of Geriatric Psychiatry, 2015, 23, 985-993.	1.2	112
63	Prevalence of Cerebral Amyloid Pathology in Persons Without Dementia. JAMA - Journal of the American Medical Association, 2015, 313, 1924.	7.4	1,166
64	Prevalence of Amyloid PET Positivity in Dementia Syndromes. JAMA - Journal of the American Medical Association, 2015, 313, 1939.	7.4	501
65	Arterial Stiffness and $\beta$ -Amyloid Progression in Nondemented Elderly Adults. JAMA Neurology, 2014, 71, 562.	9.0	152
66	Early detection of Alzheimer's disease using PiB and FDG PET. Neurobiology of Disease, 2014, 72, 117-122.	4.4	164
67	Markers of cholesterol transport are associated with amyloid deposition in the brain. Neurobiology of Aging, 2014, 35, 802-807.	3.1	62
68	Amyloid, neurodegeneration, and small vessel disease as predictors of dementia in the oldest-old. Neurology, 2014, 83, 1804-1811.	1.1	46
69	Regional amyloid burden and intrinsic connectivity networks in cognitively normal elderly subjects. Brain, 2014, 137, 3327-3338.	7.6	130
70	P1-247: BINDING OF PITTSBURGH COMPOUND B TO BOTH NORMAL AND ABNORMAL WHITE MATTER IN ELDERLY COGNITIVELY NORMAL CONTROLS. , 2014, 10, P396-P397.		0
71	IC-P-018: BINDING OF PITTSBURGH COMPOUND B TO BOTH NORMAL AND ABNORMAL WHITE MATTER IN ELDERLY COGNITIVELY NORMAL CONTROL. , 2014, 10, P16-P16.		1
72	Cognitive aging in persons with minimal amyloid- $\beta$ and white matter hyperintensities. Neuropsychologia, 2013, 51, 2202-2209.	1.6	31

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73	Classification of amyloid-positivity in controls: Comparison of visual read and quantitative approaches. <i>NeuroImage</i> , 2013, 71, 207-215.	4.2	77
74	Pulse wave velocity is associated with $\beta$ -amyloid deposition in the brains of very elderly adults. <i>Neurology</i> , 2013, 81, 1711-1718.	1.1	156
75	Using Pittsburgh Compound B for In Vivo PET Imaging of Fibrillar Amyloid-Beta. <i>Advances in Pharmacology</i> , 2012, 64, 27-81.	2.0	78
76	Imaging brain amyloid in nondemented young adults with Down syndrome using Pittsburgh compound B. <i>Alzheimer's and Dementia</i> , 2012, 8, 496-501.	0.8	116
77	Basal Cerebral Metabolism May Modulate the Cognitive Effects of $A\beta$ in Mild Cognitive Impairment: An Example of Brain Reserve. <i>Journal of Neuroscience</i> , 2009, 29, 14770-14778.	3.6	217
78	Amyloid imaging in mild cognitive impairment subtypes. <i>Annals of Neurology</i> , 2009, 65, 557-568.	5.3	309
79	Frequent Amyloid Deposition Without Significant Cognitive Impairment Among the Elderly. <i>Archives of Neurology</i> , 2008, 65, 1509.	4.5	923
80	Amyloid Deposition Begins in the Striatum of Presenilin-1 Mutation Carriers from Two Unrelated Pedigrees. <i>Journal of Neuroscience</i> , 2007, 27, 6174-6184.	3.6	358