

Ann Cohen

List of Publications by Year in descending order

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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	Prevalence of Cerebral Amyloid Pathology in Persons Without Dementia. JAMA - Journal of the American Medical Association, 2015, 313, 1924.	7.4	1,166
2	Frequent Amyloid Deposition Without Significant Cognitive Impairment Among the Elderly. Archives of Neurology, 2008, 65, 1509.	4.5	923
3	Prevalence of Amyloid PET Positivity in Dementia Syndromes. JAMA - Journal of the American Medical Association, 2015, 313, 1939.	7.4	501
4	Amyloid Deposition Begins in the Striatum of Presenilin-1 Mutation Carriers from Two Unrelated Pedigrees. Journal of Neuroscience, 2007, 27, 6174-6184.	3.6	358
5	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
6	Amyloid imaging in mild cognitive impairment subtypes. Annals of Neurology, 2009, 65, 557-568.	5.3	309
7	Basal Cerebral Metabolism May Modulate the Cognitive Effects of A β in Mild Cognitive Impairment: An Example of Brain Reserve. Journal of Neuroscience, 2009, 29, 14770-14778.	3.6	217
8	Early detection of Alzheimer's disease using PiB and FDG PET. Neurobiology of Disease, 2014, 72, 117-122.	4.4	164
9	Pulse wave velocity is associated with A β -amyloid deposition in the brains of very elderly adults. Neurology, 2013, 81, 1711-1718.	1.1	156
10	Arterial Stiffness and A β -Amyloid Progression in Nondemented Elderly Adults. JAMA Neurology, 2014, 71, 562.	9.0	152
11	Association of Cerebral Amyloid-A β Aggregation With Cognitive Functioning in Persons Without Dementia. JAMA Psychiatry, 2018, 75, 84.	11.0	133
12	Regional amyloid burden and intrinsic connectivity networks in cognitively normal elderly subjects. Brain, 2014, 137, 3327-3338.	7.6	130
13	Imaging brain amyloid in nondemented young adults with Down syndrome using Pittsburgh compound B. Alzheimer's and Dementia, 2012, 8, 496-501.	0.8	116
14	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
15	Prevalence Estimates of Amyloid Abnormality Across the Alzheimer Disease Clinical Spectrum. JAMA Neurology, 2022, 79, 228.	9.0	97
16	Fluid and PET biomarkers for amyloid pathology in Alzheimer's disease. Molecular and Cellular Neurosciences, 2019, 97, 3-17.	2.2	82
17	Amyloid-A β 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
18	Using Pittsburgh Compound B for In Vivo PET Imaging of Fibrillar Amyloid-Beta. Advances in Pharmacology, 2012, 64, 27-81.	2.0	78

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19	Classification of amyloid-positivity in controls: Comparison of visual read and quantitative approaches. <i>NeuroImage</i> , 2013, 71, 207-215.	4.2	77
20	Incidental Cerebral Microbleeds and Cerebral Blood Flow in Elderly Individuals. <i>JAMA Neurology</i> , 2015, 72, 1021.	9.0	71
21	Markers of cholesterol transport are associated with amyloid deposition in the brain. <i>Neurobiology of Aging</i> , 2014, 35, 802-807.	3.1	62
22	Prevalence of the apolipoprotein E ϵ 4 allele in amyloid β positive subjects across the spectrum of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2018, 14, 913-924.	0.8	58
23	Early striatal amyloid deposition distinguishes Down syndrome and autosomal dominant Alzheimer's disease from late-onset amyloid deposition. <i>Alzheimer's and Dementia</i> , 2018, 14, 743-750.	0.8	51
24	Comparison of qualitative and quantitative imaging characteristics of [¹¹ C]PiB and [¹⁸ F]flutemetamol in normal control and Alzheimer's subjects. <i>NeuroImage: Clinical</i> , 2015, 9, 592-598.	2.7	48
25	Amyloid, neurodegeneration, and small vessel disease as predictors of dementia in the oldest-old. <i>Neurology</i> , 2014, 83, 1804-1811.	1.1	46
26	Direct Comparison of the Tau PET Tracers ¹⁸ F-Flortaucipir and ¹⁸ F-MK-6240 in Human Subjects. <i>Journal of Nuclear Medicine</i> , 2022, 63, 108-116.	5.0	39
27	Amyloid deposition and brain structure as long-term predictors of MCI, dementia, and mortality. <i>Neurology</i> , 2018, 90, e1920-e1928.	1.1	36
28	Amyloid β Deposition and Suspected Non-Alzheimer Pathophysiology and Cognitive Decline Patterns for 12 Years in Oldest Old Participants Without Dementia. <i>JAMA Neurology</i> , 2018, 75, 88.	9.0	33
29	Cognitive aging in persons with minimal amyloid- β and white matter hyperintensities. <i>Neuropsychologia</i> , 2013, 51, 2202-2209.	1.6	31
30	Sleep moderates the relationship between amyloid beta and memory recall. <i>Neurobiology of Aging</i> , 2018, 71, 142-148.	3.1	31
31	A multi-scanner neuroimaging data harmonization using RAVEL and ComBat. <i>NeuroImage</i> , 2021, 245, 118703.	4.2	31
32	The use of Centiloids for applying [¹¹ C]PiB classification cutoffs across regional interest delineation methods. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2018, 10, 332-339.	2.4	22
33	What Is T+? A Gordian Knot of Tracers, Thresholds, and Topographies. <i>Journal of Nuclear Medicine</i> , 2021, 62, 614-619.	5.0	21
34	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
35	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
36	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

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37	Amyloid-Beta Deposition is Associated with Increased Medial Temporal Lobe Activation during Memory Encoding in the Cognitively Normal Elderly. <i>American Journal of Geriatric Psychiatry</i> , 2017, 25, 551-560.	1.2	16
38	Trajectories of daytime sleepiness and their associations with dementia incidence. <i>Journal of Sleep Research</i> , 2020, 29, e12952.	3.2	16
39	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
40	Hippocampal sclerosis, TDP β 43, 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
41	Influence of apolipoprotein-E genotype on brain amyloid load and longitudinal trajectories. <i>Neurobiology of Aging</i> , 2020, 94, 111-120.	3.1	15
42	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
43	Predicting resistance to amyloid-beta deposition and cognitive resilience in the oldest-old. <i>Neurology</i> , 2020, 95, e984-e994.	1.1	14
44	Comparison of longitudinal A β 2 in nondemented elderly and Down syndrome. <i>Neurobiology of Aging</i> , 2019, 73, 171-176.	3.1	13
45	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
46	An improved algorithm of white matter hyperintensity detection in elderly adults. <i>NeuroImage: Clinical</i> , 2020, 25, 102151.	2.7	12
47	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
48	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
49	Neurofibrillary tau depositions emerge with subthreshold cerebral beta-amyloidosis in down syndrome. <i>NeuroImage: Clinical</i> , 2021, 31, 102740.	2.7	9
50	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
51	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
52	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
53	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
54	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

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55	Amyloid deposition is associated with different patterns of hippocampal connectivity in men versus women. <i>Neurobiology of Aging</i> , 2019, 76, 141-150.	3.1	6
56	Distinct pathways for cognitive decline in the presence of Alzheimer's disease pathology or cerebrovascular disease. <i>Brain</i> , 2016, 139, 2340-2341.	7.6	5
57	The Relationship of Current Cognitive Activity to Brain Amyloid Burden and Glucose Metabolism. <i>American Journal of Geriatric Psychiatry</i> , 2018, 26, 977-984.	1.2	5
58	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
59	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
60	Alzheimer's disease in aging Down syndrome. <i>Developmental Neurobiology</i> , 2019, 79, 611-612.	3.0	2
61	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
62	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
63	[P1â€“403]: [Fâ€“18]AVâ€“451 PET IN NONâ€“DEMENTED ADULTS WITH DOWN SYNDROME IS RELATED TO BOTH AMYLOID AND COGNITION. <i>Alzheimer's and Dementia</i> , 2017, 13, P428.	0.8	1
64	ICâ€“06â€“04: SLEEP, COGNITION, AND Î²â€“AMYLOID IN ADULTS WITH DOWN SYNDROME. <i>Alzheimer's and Dementia</i> , 2019, 15, P12.	0.8	1
65	White matter microstructure and episodic memory in adults with down syndrome: A Tractâ€“Based Spatial Statistics (TBSS) Study. <i>Alzheimer's and Dementia</i> , 2020, 16, e044673.	0.8	1
66	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
67	White matter microstructure associations to amyloid burden in adults with Down syndrome. <i>NeuroImage: Clinical</i> , 2022, 33, 102908.	2.7	1
68	Brain health correlates of mobility-related confidence. <i>Experimental Gerontology</i> , 2022, 163, 111776.	2.8	1
69	P1-247: BINDING OF PITTSBURGH COMPOUND B TO BOTH NORMAL AND ABNORMAL WHITE MATTER IN ELDERLY COGNITIVELY NORMAL CONTROLS. , 2014, 10, P396-P397.		0
70	O3-01-06: Effect of cognitively stimulating activities on PiB-PET in cognitively normal elderly. , 2015, 11, P219-P219.		0
71	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
72	O1â€“01â€“04: Increases in Pib Retention are Associated with Increased Cerebral Glucose Metabolism in Cognitively Normal Elderly: Role for Compensatory Hypermetabolism?. <i>Alzheimer's and Dementia</i> , 2016, 12, P171.	0.8	0

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73	Brain Amyloidosis and Triglycerides: Preventing Alzheimer Disease Pathology by Treating Vascular Disease?. American Journal of Geriatric Psychiatry, 2016, 24, 613-614.	1.2	0
74	Preface. Progress in Molecular Biology and Translational Science, 2019, 165, xiii.	1.7	0
75	P4631: ALZHEIMER'S DISEASE PATHOLOGY IN A COMMUNITY-BASED SAMPLE OF OLDER ADULTS WITHOUT DEMENTIA: A POPULATION-NEUROSCIENCE APPROACH. Alzheimer's and Dementia, 2019, 15, P1569.	0.8	0
76	IC0602: ASSOCIATIONS BETWEEN A β 2 AND TAU IN ADULTS WITH DOWN SYNDROME. Alzheimer's and Dementia, 2019, 15, P11.	0.8	0
77	IC0601: ASSESSMENT OF LONGITUDINAL AMYLOID LOAD CHANGE IN DOWN SYNDROME. Alzheimer's and Dementia, 2019, 15, P10.	0.8	0
78	Evaluation of amyloid and tau PET quantitation methods using a 3D-printed anatomically accurate brain phantom. Alzheimer's and Dementia, 2020, 16, e045455.	0.8	0
79	Characterization of point-spread function specification error on Geometric Transfer Matrix partial volume correction in [11C]PiB amyloid imaging. EJNMMI Physics, 2021, 8, 54.	2.7	0
80	Associations between cognition, A β 2, and tau in adults with Down syndrome. Alzheimer's and Dementia, 2021, 17, .	0.8	0