

# Denise Head

## List of Publications by Year in descending order

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50  
papers

11,126  
citations

117625

34  
h-index

189892

50  
g-index

53  
all docs

53  
docs citations

53  
times ranked

13178  
citing authors

#	ARTICLE	IF	CITATIONS
1	Regional Brain Changes in Aging Healthy Adults: General Trends, Individual Differences and Modifiers. <i>Cerebral Cortex</i> , 2005, 15, 1676-1689.	2.9	2,331
2	Disruption of Large-Scale Brain Systems in Advanced Aging. <i>Neuron</i> , 2007, 56, 924-935.	8.1	1,421
3	A unified approach for morphometric and functional data analysis in young, old, and demented adults using automated atlas-based head size normalization: reliability and validation against manual measurement of total intracranial volume. <i>NeuroImage</i> , 2004, 23, 724-738.	4.2	1,105
4	Aging, sexual dimorphism, and hemispheric asymmetry of the cerebral cortex: replicability of regional differences in volume. <i>Neurobiology of Aging</i> , 2004, 25, 377-396.	3.1	617
5	Differential Vulnerability of Anterior White Matter in Nondemented Aging with Minimal Acceleration in Dementia of the Alzheimer Type: Evidence from Diffusion Tensor Imaging. <i>Cerebral Cortex</i> , 2004, 14, 410-423.	2.9	561
6	Amyloid Plaques Disrupt Resting State Default Mode Network Connectivity in Cognitively Normal Elderly. <i>Biological Psychiatry</i> , 2010, 67, 584-587.	1.3	542
7	Neuroanatomical correlates of cognitive aging: Evidence from structural magnetic resonance imaging. <i>Neuropsychology</i> , 1998, 12, 95-114.	1.3	450
8	Pittsburgh Compound B Imaging and Prediction of Progression From Cognitive Normality to Symptomatic Alzheimer Disease. <i>Archives of Neurology</i> , 2009, 66, 1469-75.	4.5	434
9	Decreased cerebrospinal fluid $A\beta_{42}$ correlates with brain atrophy in cognitively normal elderly. <i>Annals of Neurology</i> , 2009, 65, 176-183.	5.3	307
10	Cognitive Decline and Brain Volume Loss as Signatures of Cerebral Amyloid- $\beta$ Peptide Deposition Identified With Pittsburgh Compound B. <i>Archives of Neurology</i> , 2009, 66, 1476-81.	4.5	281
11	Exercise and Alzheimer's disease biomarkers in cognitively normal older adults. <i>Annals of Neurology</i> , 2010, 68, 311-318.	5.3	263
12	Age effects on wayfinding and route learning skills. <i>Behavioural Brain Research</i> , 2010, 209, 49-58.	2.2	258
13	Exercise Engagement as a Moderator of the Effects of <i>APOE</i> Genotype on Amyloid Deposition. <i>Archives of Neurology</i> , 2012, 69, 636.	4.5	235
14	Differential aging of the human striatum: longitudinal evidence. <i>American Journal of Neuroradiology</i> , 2003, 24, 1849-56.	2.4	202
15	Exercise moderates age-related atrophy of the medial temporal lobe. <i>Neurobiology of Aging</i> , 2011, 32, 506-514.	3.1	192
16	Spatial Navigation in Preclinical Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016, 52, 77-90.	2.6	156
17	Exploring the relationship between personality and regional brain volume in healthy aging. <i>Neurobiology of Aging</i> , 2011, 32, 2162-2171.	3.1	147
18	Frontal-Hippocampal Double Dissociation Between Normal Aging and Alzheimer's Disease. <i>Cerebral Cortex</i> , 2005, 15, 732-739.	2.9	140

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19	Neuroanatomical and cognitive mediators of age-related differences in episodic memory.. <i>Neuropsychology</i> , 2008, 22, 491-507.	1.3	139
20	Neuroanatomical and cognitive correlates of adult age differences in acquisition of a perceptual-motor skill. <i>Microscopy Research and Technique</i> , 2000, 51, 85-93.	2.2	137
21	Age differences in perseveration: Cognitive and neuroanatomical mediators of performance on the Wisconsin Card Sorting Test. <i>Neuropsychologia</i> , 2009, 47, 1200-1203.	1.6	108
22	White matter integrity and reaction time intraindividual variability in healthy aging and early-stage Alzheimer disease. <i>Neuropsychologia</i> , 2012, 50, 357-366.	1.6	98
23	Mood Changes in Cognitively Normal Older Adults are Linked to Alzheimer Disease Biomarker Levels. <i>American Journal of Geriatric Psychiatry</i> , 2016, 24, 1095-1104.	1.2	95
24	Age-related differences in the course of cognitive skill acquisition: The role of regional cortical shrinkage and cognitive resources.. <i>Psychology and Aging</i> , 2002, 17, 72-84.	1.6	85
25	Structural correlates of prospective memory. <i>Neuropsychologia</i> , 2011, 49, 3795-3800.	1.6	79
26	Cerebrospinal Fluid Markers of Neurodegeneration and Rates of Brain Atrophy in Early Alzheimer Disease. <i>JAMA Neurology</i> , 2015, 72, 656.	9.0	74
27	Role of Family History for Alzheimer Biomarker Abnormalities in the Adult Children Study. <i>Archives of Neurology</i> , 2011, 68, 1313.	4.5	55
28	Age-related differences in the course of cognitive skill acquisition: The role of regional cortical shrinkage and cognitive resources.. <i>Psychology and Aging</i> , 2002, 17, 72-84.	1.6	52
29	Toward a multifactorial model of Alzheimer disease. <i>Neurobiology of Aging</i> , 2012, 33, 2262-2271.	3.1	45
30	The moderating role of exercise on stress-related effects on the hippocampus and memory in later adulthood.. <i>Neuropsychology</i> , 2012, 26, 133-143.	1.3	44
31	Medial Temporal Lobe Volume Predicts Elders's™ Everyday Memory. <i>Psychological Science</i> , 2013, 24, 1113-1122.	3.3	44
32	Cognitive and Neural Correlates of Aerobic Fitness in Obese Older Adults. <i>Experimental Aging Research</i> , 2012, 38, 131-145.	1.2	42
33	Longitudinal relationships among biomarkers for Alzheimer disease in the Adult Children Study. <i>Neurology</i> , 2016, 86, 1499-1506.	1.1	39
34	Lack of an association of BDNF Val66Met polymorphism and plasma BDNF with hippocampal volume and memory. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2015, 15, 625-643.	2.0	36
35	Effects of Aging and Alzheimer's Disease Along the Longitudinal Axis of the Hippocampus. <i>Journal of Alzheimer's Disease</i> , 2013, 37, 41-50.	2.6	32
36	A 2.5-Year Longitudinal Assessment of Naturalistic Driving in Preclinical Alzheimer's™ Disease. <i>Journal of Alzheimer's Disease</i> , 2019, 68, 1625-1633.	2.6	32

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37	Physical Activity and Cognitive Trajectories in Cognitively Normal Adults. <i>Alzheimer Disease and Associated Disorders</i> , 2014, 28, 50-57.	1.3	31
38	Spatial navigation ability predicts progression of dementia symptomatology. <i>Alzheimer's and Dementia</i> , 2020, 16, 491-500.	0.8	31
39	Neuroanatomical and cognitive mediators of age-related differences in perceptual priming and learning. <i>Neuropsychology</i> , 2009, 23, 475-491.	1.3	28
40	Cortical Binding of Pittsburgh Compound B, an Endophenotype for Genetic Studies of Alzheimer's Disease. <i>Biological Psychiatry</i> , 2010, 67, 581-583.	1.3	25
41	Incident cognitive impairment: longitudinal changes in molecular, structural and cognitive biomarkers. <i>Brain</i> , 2018, 141, 3233-3248.	7.6	24
42	Evidence for a detrimental relationship between hypertension history, prospective memory, and prefrontal cortex white matter in cognitively normal older adults. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2013, 13, 405-416.	2.0	18
43	Developing a Spatial Navigation Screening Tool Sensitive to the Preclinical Alzheimer Disease Continuum. <i>Archives of Clinical Neuropsychology</i> , 2019, 34, 1138-1155.	0.5	17
44	Route repetition and route reversal: Effects of age and encoding method. <i>Psychology and Aging</i> , 2017, 32, 220-231.	1.6	15
45	Physical Exercise and Longitudinal Trajectories in Alzheimer Disease Biomarkers and Cognitive Functioning. <i>Alzheimer Disease and Associated Disorders</i> , 2020, 34, 212-219.	1.3	14
46	A genetic variant (COMT) coding dopaminergic activity predicts personality traits in healthy elderly. <i>Personality and Individual Differences</i> , 2015, 82, 61-66.	2.9	13
47	Mindfulness, Education, and Exercise for age-related cognitive decline: Study protocol, pilot study results, and description of the baseline sample. <i>Clinical Trials</i> , 2020, 17, 581-594.	1.6	13
48	Neuropsychiatric Symptoms and Alzheimer's Disease Biomarkers Predict Driving Decline: Brief Report. <i>Journal of Alzheimer's Disease</i> , 2017, 58, 675-680.	2.6	11
49	Adults Aged 65 and Older Use Potentially Distracting Electronic Devices While Driving. <i>Journal of the American Geriatrics Society</i> , 2015, 63, 1251-1254.	2.6	5
50	Limited Longitudinal Change in Self-reported Spatial Navigation Ability in Preclinical Alzheimer Disease. <i>Alzheimer Disease and Associated Disorders</i> , 2022, 36, 15-21.	1.3	3