

# Ilana J Bennett

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

2,413  
citations

430874

18  
h-index

414414

32  
g-index

40  
all docs

40  
docs citations

40  
times ranked

3706  
citing authors

#	ARTICLE	IF	CITATIONS
1	Age-related differences in multiple measures of white matter integrity: A diffusion tensor imaging study of healthy aging. <i>Human Brain Mapping</i> , 2010, 31, 378-390.	3.6	396
2	Cerebral White Matter Integrity and Cognitive Aging: Contributions from Diffusion Tensor Imaging. <i>Neuropsychology Review</i> , 2009, 19, 415-435.	4.9	383
3	Diffusion tensor imaging of cerebral white matter integrity in cognitive aging. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 386-400.	3.8	380
4	Disconnected aging: Cerebral white matter integrity and age-related differences in cognition. <i>Neuroscience</i> , 2014, 276, 187-205.	2.3	362
5	White matter integrity correlates of implicit sequence learning in healthy aging. <i>Neurobiology of Aging</i> , 2011, 32, 2317.e1-2317.e12.	3.1	102
6	Memory Evaluation in Mild Cognitive Impairment using Recall and Recognition Tests. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2006, 28, 1408-1422.	1.3	84
7	Limbic Tract Integrity Contributes to Pattern Separation Performance Across the Lifespan. <i>Cerebral Cortex</i> , 2015, 25, 2988-2999.	2.9	81
8	Advances in functional neuroanatomy: A review of combined DTI and fMRI studies in healthy younger and older adults. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 1201-1210.	6.1	61
9	Mnemonic discrimination relates to perofant path integrity: An ultra-high resolution diffusion tensor imaging study. <i>Neurobiology of Learning and Memory</i> , 2016, 129, 107-112.	1.9	60
10	Age-Related Differences in Implicit Learning of Subtle Third-Order Sequential Structure. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2007, 62, P98-P103.	3.9	59
11	White matter tract integrity predicts visual search performance in young and older adults. <i>Neurobiology of Aging</i> , 2012, 33, 433.e21-433.e31.	3.1	51
12	Two Forms of Implicit Learning in Young Adults with Dyslexia. <i>Annals of the New York Academy of Sciences</i> , 2008, 1145, 184-198.	3.8	40
13	Central Executive Dysfunction and Deferred Prefrontal Processing in Veterans With Gulf War Illness. <i>Clinical Psychological Science</i> , 2014, 2, 319-327.	4.0	39
14	Age-related differences in auditory event-related potentials during a cued attention task. <i>Clinical Neurophysiology</i> , 2004, 115, 2602-2615.	1.5	38
15	Isolating age-group differences in working memory load-related neural activity: Assessing the contribution of working memory capacity using a partial-trial fMRI method. <i>NeuroImage</i> , 2013, 72, 20-32.	4.2	37
16	Age-related white matter integrity differences in oldest-old without dementia. <i>Neurobiology of Aging</i> , 2017, 56, 108-114.	3.1	36
17	Characterization of age-related microstructural changes in locus coeruleus and substantia nigra pars compacta. <i>Neurobiology of Aging</i> , 2020, 87, 89-97.	3.1	31
18	Recognition Memory Dysfunction Relates to Hippocampal Subfield Volume: A Study of Cognitively Normal and Mildly Impaired Older Adults. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2019, 74, 1132-1141.	3.9	29

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19	Age- and memory- related differences in hippocampal gray matter integrity are better captured by NODDI compared to single-tensor diffusion imaging. <i>Neurobiology of Aging</i> , 2020, 96, 12-21.	3.1	22
20	An abbreviated implicit spatial context learning task that yields greater learning. <i>Behavior Research Methods</i> , 2009, 41, 391-395.	4.0	14
21	Evidence of Neural Microstructure Abnormalities in Type I Chiari Malformation: Associations Among Fiber Tract Integrity, Pain, and Cognitive Dysfunction. <i>Pain Medicine</i> , 2020, 21, 2323-2335.	1.9	12
22	Neuroimaging measures of iron and gliosis explain memory performance in aging. <i>Human Brain Mapping</i> , 2021, 42, 5761-5770.	3.6	12
23	Neural substrates of mnemonic discrimination: A whole-brain fMRI investigation. <i>Brain and Behavior</i> , 2020, 10, e01560.	2.2	11
24	Implicit associative learning relates to basal ganglia gray matter microstructure in young and older adults. <i>Behavioural Brain Research</i> , 2021, 397, 112950.	2.2	11
25	Age affects white matter microstructure and episodic memory across the older adult lifespan. <i>Neurobiology of Aging</i> , 2021, 106, 282-291.	3.1	11
26	Impact of Locus Coeruleus and Its Projections on Memory and Aging. <i>Brain Connectivity</i> , 2022, 12, 223-233.	1.7	10
27	Visual Acuity does not Moderate Effect Sizes of Higher-Level Cognitive Tasks. <i>Experimental Aging Research</i> , 2016, 42, 221-263.	1.2	9
28	Higher-order multi-shell diffusion measures complement tensor metrics and volume in gray matter when predicting age and cognition. <i>NeuroImage</i> , 2022, 253, 119063.	4.2	9
29	Cognitive Slowing in Gulf War Illness Predicts Executive Network Hyperconnectivity: Study in a Population-Representative Sample. <i>NeuroImage: Clinical</i> , 2016, 12, 535-541.	2.7	8
30	Estimates of brain age for gray matter and white matter in younger and older adults: Insights into human intelligence. <i>Brain Research</i> , 2021, 1763, 147431.	2.2	6
31	Bridging patterns of neurocognitive aging across the older adult lifespan. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 135, 104594.	6.1	6
32	Age group differences in learning-related activity reflect task stage, not learning stage. <i>Behavioural Brain Research</i> , 2022, 416, 113570.	2.2	3