

Kristen M Kennedy

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

127 papers	15,141 citations	58 h-index	123 g-index
138 ext. papers	17,529 ext. citations	5.6 avg, IF	6.65 L-index

#	Paper	IF	Citations
127	Functional activation features of memory in successful agers across the adult lifespan.. <i>NeuroImage</i> , 2022 , 257, 119276	7.9	0
126	Functional Connectivity Within and Between -Back Modulated Regions: An Adult Lifespan Psychophysiological Interaction Investigation. <i>Brain Connectivity</i> , 2021 , 11, 103-118	2.7	1
125	Cortical thickness mediates the relationship between DRD2 C957T polymorphism and executive function across the adult lifespan. <i>Brain Structure and Function</i> , 2021 , 226, 121-136	4	3
124	Influence of sample size and analytic approach on stability and interpretation of brain-behavior correlations in task-related fMRI data. <i>Human Brain Mapping</i> , 2021 , 42, 204-219	5.9	31
123	Greater BOLD Variability is Associated With Poorer Cognitive Function in an Adult Lifespan Sample. <i>Cerebral Cortex</i> , 2021 , 31, 562-574	5.1	7
122	The effect of vascular health factors on white matter microstructure mediates age-related differences in executive function performance. <i>Cortex</i> , 2021 , 141, 403-420	3.8	3
121	White Matter Microstructure Predicts Focal and Broad Functional Brain Dedifferentiation in Normal Aging. <i>Journal of Cognitive Neuroscience</i> , 2020 , 32, 1536-1549	3.1	4
120	Frontostriatal white matter connectivity: age differences and associations with cognition and BOLD modulation. <i>Neurobiology of Aging</i> , 2020 , 94, 154-163	5.6	1
119	Striatal iron content is linked to reduced fronto-striatal brain function under working memory load. <i>NeuroImage</i> , 2020 , 210, 116544	7.9	11
118	Beta-amyloid burden predicts poorer mnemonic discrimination in cognitively normal older adults. <i>NeuroImage</i> , 2020 , 221, 117199	7.9	5
117	Contribution of iron and A β to age differences in entorhinal and hippocampal subfield volume. <i>Neurology</i> , 2020 , 95, e2586-e2594	6.5	5
116	Contributions of White Matter Connectivity and BOLD Modulation to Cognitive Aging: A Lifespan Structure-Function Association Study. <i>Cerebral Cortex</i> , 2020 , 30, 1649-1661	5.1	9
115	Age moderates the relationship between cortical thickness and cognitive performance. <i>Neuropsychologia</i> , 2019 , 132, 107136	3.2	2
114	The role of hippocampal subfield volume and fornix microstructure in episodic memory across the lifespan. <i>Hippocampus</i> , 2019 , 29, 1206-1223	3.5	12
113	Progress update from the hippocampal subfields group. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019 , 11, 439-449	5.2	16
112	Joint contributions of cortical morphometry and white matter microstructure in healthy brain aging: A partial least squares correlation analysis. <i>Human Brain Mapping</i> , 2019 , 40, 5315-5329	5.9	18
111	Genetic predisposition for inflammation exacerbates effects of striatal iron content on cognitive switching ability in healthy aging. <i>NeuroImage</i> , 2019 , 185, 471-478	7.9	11

110	Cortisol relates to regional limbic system structure in older but not younger adults. <i>Psychoneuroendocrinology</i> , 2019 , 101, 111-120	5	2
109	Frontoparietal cortical thickness mediates the effect of COMT ValMet polymorphism on age-associated executive function. <i>Neurobiology of Aging</i> , 2019 , 73, 104-114	5.6	9
108	Both hyper- and hypo-activation to cognitive challenge are associated with increased beta-amyloid deposition in healthy aging: A nonlinear effect. <i>NeuroImage</i> , 2018 , 166, 285-292	7.9	16
107	APOE ϵ Genotype and Hypertension Modify 8-year Cortical Thinning: Five Occasion Evidence from the Seattle Longitudinal Study. <i>Cerebral Cortex</i> , 2018 , 28, 1934-1945	5.1	14
106	Increasing beta-amyloid deposition in cognitively healthy aging predicts nonlinear change in BOLD modulation to difficulty. <i>NeuroImage</i> , 2018 , 183, 142-149	7.9	6
105	Association between subjective memory assessment and associative memory performance: Role of ad risk factors. <i>Psychology and Aging</i> , 2018 , 33, 109-118	3.6	14
104	Association of Longitudinal Cognitive Decline With Amyloid Burden in Middle-aged and Older Adults: Evidence for a Dose-Response Relationship. <i>JAMA Neurology</i> , 2017 , 74, 830-838	17.2	67
103	Functional magnetic resonance imaging data of incremental increases in visuo-spatial difficulty in an adult lifespan sample. <i>Data in Brief</i> , 2017 , 11, 54-60	1.2	4
102	Age-related reduction of BOLD modulation to cognitive difficulty predicts poorer task accuracy and poorer fluid reasoning ability. <i>NeuroImage</i> , 2017 , 147, 262-271	7.9	46
101	Dynamic range in BOLD modulation: lifespan aging trajectories and association with performance. <i>Neurobiology of Aging</i> , 2017 , 60, 153-163	5.6	29
100	Differential Aging Trajectories of Modulation of Activation to Cognitive Challenge in APOE ϵ Groups: Reduced Modulation Predicts Poorer Cognitive Performance. <i>Journal of Neuroscience</i> , 2017 , 37, 6894-6901	6.6	10
99	A harmonized segmentation protocol for hippocampal and parahippocampal subregions: Why do we need one and what are the key goals?. <i>Hippocampus</i> , 2017 , 27, 3-11	3.5	84
98	Motion-related artifacts in structural brain images revealed with independent estimates of in-scanner head motion. <i>Human Brain Mapping</i> , 2017 , 38, 472-492	5.9	98
97	White Matter Degradation is Associated with Reduced Financial Capacity in Mild Cognitive Impairment and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017 , 60, 537-547	4.3	7
96	Amyloid deposition in younger adults is linked to episodic memory performance. <i>Neurology</i> , 2016 , 87, 2562-2566	6.5	16
95	Discrepancies between fluid and crystallized ability in healthy adults: a behavioral marker of preclinical Alzheimer's disease. <i>Neurobiology of Aging</i> , 2016 , 46, 68-75	5.6	18
94	BDNF val66met polymorphism affects aging of multiple types of memory. <i>Brain Research</i> , 2015 , 1612, 104-117	3.7	49
93	Age trajectories of functional activation under conditions of low and high processing demands: an adult lifespan fMRI study of the aging brain. <i>NeuroImage</i> , 2015 , 104, 21-34	7.9	76

92	The effect of beta-amyloid on face processing in young and old adults: A multivariate analysis of the BOLD signal. <i>Human Brain Mapping</i> , 2015 , 36, 2514-26	5.9	20
91	A comparison of physiologic modulators of fMRI signals. <i>Human Brain Mapping</i> , 2013 , 34, 2078-88	5.9	47
90	Age-related differences in memory-encoding fMRI responses after accounting for decline in vascular reactivity. <i>NeuroImage</i> , 2013 , 78, 415-25	7.9	69
89	An fMRI study of episodic encoding across the lifespan: changes in subsequent memory effects are evident by middle-age. <i>Neuropsychologia</i> , 2013 , 51, 448-56	3.2	59
88	Differential brain shrinkage over 6 months shows limited association with cognitive practice. <i>Brain and Cognition</i> , 2013 , 82, 171-80	2.7	33
87	Does variability in cognitive performance correlate with frontal brain volume?. <i>NeuroImage</i> , 2013 , 64, 209-15	7.9	45
86	Risk factors for β -amyloid deposition in healthy aging: vascular and genetic effects. <i>JAMA Neurology</i> , 2013 , 70, 600-6	17.2	173
85	Apolipoprotein E ϵ -related thickening of the cerebral cortex modulates selective attention. <i>Neurobiology of Aging</i> , 2012 , 33, 304-322.e1	5.6	23
84	White matter deterioration in 15 months: latent growth curve models in healthy adults. <i>Neurobiology of Aging</i> , 2012 , 33, 429.e1-5	5.6	38
83	Effects of beta-amyloid accumulation on neural function during encoding across the adult lifespan. <i>NeuroImage</i> , 2012 , 62, 1-8	7.9	70
82	β -Amyloid burden in healthy aging: regional distribution and cognitive consequences. <i>Neurology</i> , 2012 , 78, 387-95	6.5	282
81	Neural broadening or neural attenuation? Investigating age-related dedifferentiation in the face network in a large lifespan sample. <i>Journal of Neuroscience</i> , 2012 , 32, 2154-8	6.6	113
80	A review of functional brain imaging correlates of successful cognitive aging. <i>Biological Psychiatry</i> , 2011 , 70, 115-22	7.9	155
79	Age differences in speed of processing are partially mediated by differences in axonal integrity. <i>NeuroImage</i> , 2011 , 55, 1287-97	7.9	36
78	Low frequency fluctuations reveal integrated and segregated processing among the cerebral hemispheres. <i>NeuroImage</i> , 2011 , 54, 517-27	7.9	46
77	Interactive effects of physical activity and APOE- ϵ on BOLD semantic memory activation in healthy elders. <i>NeuroImage</i> , 2011 , 54, 635-44	7.9	87
76	Age-related differences in white matter integrity and cognitive function are related to APOE status. <i>NeuroImage</i> , 2011 , 54, 1565-77	7.9	66
75	Callosal tracts and patterns of hemispheric dominance: a combined fMRI and DTI study. <i>NeuroImage</i> , 2011 , 54, 779-86	7.9	46

74	βAmyloid affects frontal and posterior brain networks in normal aging. <i>NeuroImage</i> , 2011 , 54, 1887-95	7.9	90
73	Thickness of the human cerebral cortex is associated with metrics of cerebrovascular health in a normative sample of community dwelling older adults. <i>NeuroImage</i> , 2011 , 54, 2659-71	7.9	102
72	Cortico-striatal connectivity and cognition in normal aging: a combined DTI and resting state fMRI study. <i>NeuroImage</i> , 2011 , 55, 24-31	7.9	112
71	Effects of age, genes, and pulse pressure on executive functions in healthy adults. <i>Neurobiology of Aging</i> , 2011 , 32, 1124-37	5.6	35
70	Hippocampal subfield volumes: age, vascular risk, and correlation with associative memory. <i>Frontiers in Aging Neuroscience</i> , 2011 , 3, 2	5.3	99
69	Amyloid-β-associated cortical thinning in clinically normal elderly. <i>Annals of Neurology</i> , 2011 , 69, 1032-42	9.4	250
68	Microstructure of frontoparietal connections predicts cortical responsivity and working memory performance. <i>Cerebral Cortex</i> , 2011 , 21, 2261-71	5.1	55
67	Relationships between βAmyloid and functional connectivity in different components of the default mode network in aging. <i>Cerebral Cortex</i> , 2011 , 21, 2399-407	5.1	229
66	Defaulting on the default network: increased risk for dementia. <i>Neurology</i> , 2011 , 76, 498-500	6.5	5
65	Cerebral blood flow in posterior cortical nodes of the default mode network decreases with task engagement but remains higher than in most brain regions. <i>Cerebral Cortex</i> , 2011 , 21, 233-44	5.1	80
64	Diffusion tensor imaging biomarkers for traumatic axonal injury: analysis of three analytic methods. <i>Journal of the International Neuropsychological Society</i> , 2011 , 17, 24-35	3.1	39
63	Sex- and brain size-related small-world structural cortical networks in young adults: a DTI tractography study. <i>Cerebral Cortex</i> , 2011 , 21, 449-58	5.1	201
62	Alterations in cerebral metabolic rate and blood supply across the adult lifespan. <i>Cerebral Cortex</i> , 2011 , 21, 1426-34	5.1	241
61	The Cognitive Consequences of Structural Changes to the Aging Brain 2011 , 73-91		12
60	Protective effects of dibenzocyclooctadiene lignans from Schisandra chinensis against beta-amyloid and homocysteine neurotoxicity in PC12 cells. <i>Phytotherapy Research</i> , 2011 , 25, 435-43	6.7	44
59	Genetic variation on the BDNF gene is not associated with differences in white matter tracts in healthy humans measured by tract-based spatial statistics. <i>Genes, Brain and Behavior</i> , 2010 , 9, 886-91	3.6	22
58	Acceleration of hippocampal atrophy in a non-demented elderly population: the SNAC-K study. <i>International Psychogeriatrics</i> , 2010 , 22, 14-25	3.4	32
57	Distinct frontoparietal networks set the stage for later perceptual identification priming and episodic recognition memory. <i>Journal of Neuroscience</i> , 2010 , 30, 13272-80	6.6	20

56	A multivariate analysis of age-related differences in default mode and task-positive networks across multiple cognitive domains. <i>Cerebral Cortex</i> , 2010 , 20, 1432-47	5.1	247
55	Adult age differences and the role of cognitive resources in perceptual-motor skill acquisition: application of a multilevel negative exponential model. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2010 , 65B, 163-73	4.6	20
54	Brain-derived neurotrophic factor is associated with age-related decline in hippocampal volume. <i>Journal of Neuroscience</i> , 2010 , 30, 5368-75	6.6	352
53	A BOLD move: clinical application of fMRI in aging. <i>Neurology</i> , 2010 , 74, 1940-1	6.5	5
52	The effect of substrate material on silver nanoparticle antimicrobial efficacy. <i>Journal of Nanoscience and Nanotechnology</i> , 2010 , 10, 8456-62	1.3	6
51	Intrinsic connectivity between the hippocampus and posteromedial cortex predicts memory performance in cognitively intact older individuals. <i>NeuroImage</i> , 2010 , 51, 910-7	7.9	201
50	Trajectories of brain aging in middle-aged and older adults: regional and individual differences. <i>NeuroImage</i> , 2010 , 51, 501-11	7.9	393
49	Age-related regional variations of the corpus callosum identified by diffusion tensor tractography. <i>NeuroImage</i> , 2010 , 52, 20-31	7.9	146
48	Atlas-guided tract reconstruction for automated and comprehensive examination of the white matter anatomy. <i>NeuroImage</i> , 2010 , 52, 1289-301	7.9	226
47	Automatic parcellation of human cortical gyri and sulci using standard anatomical nomenclature. <i>NeuroImage</i> , 2010 , 53, 1-15	7.9	1441
46	Fractal dimension analysis of the cortical ribbon in mild Alzheimer's disease. <i>NeuroImage</i> , 2010 , 53, 471-9	7.9	112
45	Amyloid load in nondemented brains correlates with APOE e4. <i>Neuroscience Letters</i> , 2010 , 473, 168-71	3.3	64
44	Growth of white matter in the adolescent brain: myelin or axon?. <i>Brain and Cognition</i> , 2010 , 72, 26-35	2.7	307
43	Exploring interhemispheric collaboration in older compared to younger adults. <i>Brain and Cognition</i> , 2010 , 72, 218-27	2.7	7
42	Genetic variation in homocysteine metabolism, cognition, and white matter lesions. <i>Neurobiology of Aging</i> , 2010 , 31, 2020-2	5.6	28
41	Age-related differences in white matter microstructure: region-specific patterns of diffusivity. <i>NeuroImage</i> , 2010 , 49, 2104-12	7.9	282
40	Haplotypes of catechol-O-methyltransferase modulate intelligence-related brain white matter integrity. <i>NeuroImage</i> , 2010 , 50, 243-9	7.9	27
39	Discovery of cyclic acylguanidines as highly potent and selective beta-site amyloid cleaving enzyme (BACE) inhibitors: Part I--inhibitor design and validation. <i>Journal of Medicinal Chemistry</i> , 2010 , 53, 951-65	8.3	110

38	Cognition, reserve, and amyloid deposition in normal aging. <i>Annals of Neurology</i> , 2010 , 67, 353-64	9.4	246
37	Behavioural relevance of variation in white matter microstructure. <i>Current Opinion in Neurology</i> , 2010 , 23, 351-8	7.1	135
36	A theoretical framework for the study of adult cognitive plasticity. <i>Psychological Bulletin</i> , 2010 , 136, 659-761	7.1	460
35	Functional alterations in memory networks in early Alzheimer's disease. <i>NeuroMolecular Medicine</i> , 2010 , 12, 27-43	4.6	389
34	Contribution of callosal connections to the interhemispheric integration of visuomotor and cognitive processes. <i>Neuropsychology Review</i> , 2010 , 20, 174-90	7.7	104
33	Disconnexion syndromes in animals and man: Part I. 1965. <i>Neuropsychology Review</i> , 2010 , 20, 128-57	7.7	21
32	A switch-on fluorescence assay for bacterial β -lactamases with amyloid fibrils as fluorescence enhancer and visual tool. <i>Chemistry - A European Journal</i> , 2010 , 16, 13367-71	4.8	7
31	Detecting changes in human cerebral blood flow after acute exercise using arterial spin labeling: implications for fMRI. <i>Journal of Neuroscience Methods</i> , 2010 , 191, 258-62	3	61
30	Changes in executive functions and self-efficacy are independently associated with improved usual gait speed in older women. <i>BMC Geriatrics</i> , 2010 , 10, 25	4.1	46
29	BDNF Val66Met polymorphism influences age differences in microstructure of the Corpus Callosum. <i>Frontiers in Human Neuroscience</i> , 2009 , 3, 19	3.3	34
28	Aging white matter and cognition: differential effects of regional variations in diffusion properties on memory, executive functions, and speed. <i>Neuropsychologia</i> , 2009 , 47, 916-27	3.2	336
27	Age differences in perseveration: cognitive and neuroanatomical mediators of performance on the Wisconsin Card Sorting Test. <i>Neuropsychologia</i> , 2009 , 47, 1200-3	3.2	92
26	Pattern of normal age-related regional differences in white matter microstructure is modified by vascular risk. <i>Brain Research</i> , 2009 , 1297, 41-56	3.7	153
25	Beta-amyloid deposition and the aging brain. <i>Neuropsychology Review</i> , 2009 , 19, 436-50	7.7	112
24	Life span adult faces: norms for age, familiarity, memorability, mood, and picture quality. <i>Experimental Aging Research</i> , 2009 , 35, 268-75	1.7	19
23	Synergistic effects of the MTHFR C677T polymorphism and hypertension on spatial navigation. <i>Biological Psychology</i> , 2009 , 80, 240-5	3.2	21
22	Age-related differences in regional brain volumes: a comparison of optimized voxel-based morphometry to manual volumetry. <i>Neurobiology of Aging</i> , 2009 , 30, 1657-76	5.6	168
21	Velocity-resolved 3D retinal microvessel imaging using single-pass flow imaging spectral domain optical coherence tomography. <i>Optics Express</i> , 2009 , 17, 4177-88	3.3	55

20	Genetic and vascular modifiers of age-sensitive cognitive skills: effects of COMT, BDNF, ApoE, and hypertension. <i>Neuropsychology</i> , 2009 , 23, 105-116	3.8	122
19	Neuroanatomical and cognitive mediators of age-related differences in perceptual priming and learning. <i>Neuropsychology</i> , 2009 , 23, 475-91	3.8	25
18	A Systems Approach to the Aging Brain: Neuroanatomic Changes, Their Modifiers, and Cognitive Correlates 2009 , 43-70		27
17	Age-related differences in acquisition of perceptual-motor skills: working memory as a mediator. <i>Aging, Neuropsychology, and Cognition</i> , 2008 , 15, 165-83	2.1	19
16	Neuroanatomical correlates of fluid intelligence in healthy adults and persons with vascular risk factors. <i>Cerebral Cortex</i> , 2008 , 18, 718-26	5.1	92
15	Neuroanatomical and cognitive mediators of age-related differences in episodic memory. <i>Neuropsychology</i> , 2008 , 22, 491-507	3.8	117
14	Brain-derived neurotrophic factor Val66Met and blood glucose: a synergistic effect on memory. <i>Frontiers in Human Neuroscience</i> , 2008 , 2, 12	3.3	24
13	Extrahippocampal contributions to age differences in human spatial navigation. <i>Cerebral Cortex</i> , 2007 , 17, 1274-82	5.1	140
12	Fragmented pictures revisited: long-term changes in repetition priming, relation to skill learning, and the role of cognitive resources. <i>Gerontology</i> , 2007 , 53, 148-58	5.5	8
11	Vascular health and longitudinal changes in brain and cognition in middle-aged and older adults. <i>Neuropsychology</i> , 2007 , 21, 149-57	3.8	194
10	Differential aging of the brain: patterns, cognitive correlates and modifiers. <i>Neuroscience and Biobehavioral Reviews</i> , 2006 , 30, 730-48	9	788
9	Age, sex and regional brain volumes predict perceptual-motor skill acquisition. <i>Cortex</i> , 2005 , 41, 560-9	3.8	72
8	Regional brain changes in aging healthy adults: general trends, individual differences and modifiers. <i>Cerebral Cortex</i> , 2005 , 15, 1676-89	5.1	1936
7	Aging and longitudinal change in perceptual-motor skill acquisition in healthy adults. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2005 , 60, P174-81	4.6	61
6	Shrinkage of the entorhinal cortex over five years predicts memory performance in healthy adults. <i>Journal of Neuroscience</i> , 2004 , 24, 956-63	6.6	196
5	Differential aging of the medial temporal lobe: a study of a five-year change. <i>Neurology</i> , 2004 , 62, 433-8	6.5	308
4	Aging, sexual dimorphism, and hemispheric asymmetry of the cerebral cortex: replicability of regional differences in volume. <i>Neurobiology of Aging</i> , 2004 , 25, 377-96	5.6	536
3	Hormone replacement therapy and age-related brain shrinkage: regional effects. <i>NeuroReport</i> , 2004 , 15, 2531-4	1.7	36

2	Differential age-related changes in the regional metencephalic volumes in humans: a 5-year follow-up. <i>Neuroscience Letters</i> , 2003 , 349, 163-6	3.3	38
1	Differential aging of the human striatum: longitudinal evidence. <i>American Journal of Neuroradiology</i> , 2003 , 24, 1849-56	4.4	188