Linda K Mcevoy

List of Publications by Year
in descending order

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125 papers	9,065 citations	57631 44 h-index	45213 90 g-index
133 all docs	133 docs citations	133 times ranked	13890 citing authors

#	Article	IF	Citations
1	One-Year Brain Atrophy Evident in Healthy Aging. Journal of Neuroscience, 2009, 29, 15223-15231.	1.7	561
2	Monitoring Working Memory Load during Computer-Based Tasks with EEG Pattern Recognition Methods. Human Factors, 1998, 40, 79-91.	2.1	500
3	Improved Detection of Common Variants Associated with Schizophrenia by Leveraging Pleiotropy with Cardiovascular-Disease Risk Factors. American Journal of Human Genetics, 2013, 92, 197-209.	2.6	422
4	Intracranial EEG Reveals a Time- and Frequency-Specific Role for the Right Inferior Frontal Gyrus and Primary Motor Cortex in Stopping Initiated Responses. Journal of Neuroscience, 2009, 29, 12675-12685.	1.7	404
5	Effects of Continuous Positive Airway Pressure on Neurocognitive Function in Obstructive Sleep Apnea Patients: The Apnea Positive Pressure Long-term Efficacy Study (APPLES). Sleep, 2012, 35, 1593-1602.	0.6	353
6	Genome-wide analyses for personality traits identify six genomic loci and show correlations with psychiatric disorders. Nature Genetics, 2017, 49, 152-156.	9.4	350
7	Genetic assessment of age-associated Alzheimer disease risk: Development and validation of a polygenic hazard score. PLoS Medicine, 2017, 14, e1002258.	3.9	311
8	Improved Detection of Common Variants Associated with Schizophrenia and Bipolar Disorder Using Pleiotropy-Informed Conditional False Discovery Rate. PLoS Genetics, 2013, 9, e1003455.	1.5	298
9	Alzheimer Disease: Quantitative Structural Neuroimaging for Detection and Prediction of Clinical and Structural Changes in Mild Cognitive Impairment. Radiology, 2009, 251, 195-205.	3.6	293
10	Neurophysiological signals of working memory in normal aging. Cognitive Brain Research, 2001, 11, 363-376.	3.3	258
11	Neurophysiological indices of strategy development and skill acquisition. Cognitive Brain Research, 1999, 7, 389-404.	3.3	247
12	Genome-wide Pleiotropy Between Parkinson Disease and Autoimmune Diseases. JAMA Neurology, 2017, 74, 780.	4.5	245
13	Structural MRI biomarkers for preclinical and mild Alzheimer's disease. Human Brain Mapping, 2009, 30, 3238-3253.	1.9	201
14	High resolution evoked potential imaging of the cortical dynamics of human working memory. Electroencephalography and Clinical Neurophysiology, 1996, 98, 327-348.	0.3	196
15	CSF Biomarkers in Prediction of Cerebral and Clinical Change in Mild Cognitive Impairment and Alzheimer's Disease. Journal of Neuroscience, 2010, 30, 2088-2101.	1.7	188
16	Brain Changes in Older Adults at Very Low Risk for Alzheimer's Disease. Journal of Neuroscience, 2013, 33, 8237-8242.	1.7	184
17	The Impact of Moderate Sleep Loss on Neurophysiologic Signals during Working-Memory Task Performance. Sleep, 2002, 25, 56-66.	0.6	175
18	Association Between Genetic Traits for Immune-Mediated Diseases and Alzheimer Disease. JAMA Neurology, 2016, 73, 691.	4.5	151

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19	Polygenic Overlap Between C-Reactive Protein, Plasma Lipids, and Alzheimer Disease. Circulation, 2015, 131, 2061-2069.	1.6	145
20	Magnetic resonance imaging in Alzheimer's Disease Neuroimaging Initiative 2. Alzheimer's and Dementia, 2015, 11, 740-756.	0.4	142
21	Amyloid-Î²â€“Associated Clinical Decline Occurs Only in the Presence of Elevated P-tau. Archives of Neurology, 2012, 69, 709-13.	4.9	122
22	Amyloidâ€Î² associated volume loss occurs only in the presence of phosphoâ€tau. Annals of Neurology, 2011, 70, 657-661.	2.8	109
23	Relative Capability of MR Imaging and FDG PET to Depict Changes Associated with Prodromal and Early Alzheimer Disease. Radiology, 2010, 256, 932-942.	3.6	107
24	Dissecting the genetic relationship between cardiovascular risk factors and Alzheimerâ€™s disease. Acta Neuropathologica, 2019, 137, 209-226.	3.9	100
25	Relationship between regional atrophy rates and cognitive decline in mild cognitive impairment. Neurobiology of Aging, 2012, 33, 242-253.	1.5	94
26	Responses of the human auditory cortex to changes in one versus two stimulus features. Experimental Brain Research, 1993, 97, 177-83.	0.7	88
27	White matter tracts associated with set-shifting in healthy aging. Neuropsychologia, 2009, 47, 2835-2842.	0.7	87
28	Mild Cognitive Impairment: Baseline and Longitudinal Structural MR Imaging Measures Improve Predictive Prognosis. Radiology, 2011, 259, 834-843.	3.6	84
29	Excretion of the Herbicide Glyphosate in Older Adults Between 1993 and 2016. JAMA - Journal of the American Medical Association, 2017, 318, 1610.	3.8	84
30	Unbiased comparison of sample size estimates from longitudinal structural measures in ADNI. Human Brain Mapping, 2012, 33, 2586-2602.	1.9	83
31	Identifying Common Genetic Variants in Blood Pressure Due to Polygenic Pleiotropy With Associated Phenotypes. Hypertension, 2014, 63, 819-826.	1.3	83
32	Polygenic hazard score: an enrichment marker for Alzheimerâ€™s associated amyloid and tau deposition. Acta Neuropathologica, 2018, 135, 85-93.	3.9	80
33	Brain substrates of learning and retention in mild cognitive impairment diagnosis and progression to Alzheimer's disease. Neuropsychologia, 2010, 48, 1237-1247.	0.7	75
34	Distinct Cognitive Neurophysiologic Profiles for Lamotrigine and Topiramate. Epilepsia, 2006, 47, 695-703.	2.6	69
35	The Role of Clusterin in Amyloid-Î²â€“Associated Neurodegeneration. JAMA Neurology, 2014, 71, 180.	4.5	66
36	Tracking the Cognitive Pharmacodynamics of Psychoactive Substances with Combinations of Behavioral and Neurophysiological Measures. Neuropsychopharmacology, 2002, 26, 27-39.	2.8	63

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37	Polygenic hazard score, amyloid deposition and Alzheimerâ€™s neurodegeneration. Brain, 2019, 142, 460-470.	3.7	63
38	Human auditory cortical mechanisms of sound lateralization: II. Interaural time differences at sound onset. Hearing Research, 1993, 67, 98-109.	0.9	62
39	Hypertension-Related Alterations in White Matter Microstructure Detectable in Middle Age. Hypertension, 2015, 66, 317-323.	1.3	61
40	Quantitative structural MRI for early detection of Alzheimerâ€™s disease. Expert Review of Neurotherapeutics, 2010, 10, 1675-1688.	1.4	57
41	Temporal integration and oscillatory responses of the human auditory cortex revealed by evoked magnetic fields to click trains. Hearing Research, 1993, 68, 89-96.	0.9	53
42	Identifying Novel Gene Variants in Coronary Artery Disease and Shared Genes With Several Cardiovascular Risk Factors. Circulation Research, 2016, 118, 83-94.	2.0	52
43	Effects of Sex and Education on Cognitive Change Over a 27-Year Period in Older Adults: The Rancho Bernardo Study. American Journal of Geriatric Psychiatry, 2017, 25, 889-899.	0.6	52
44	Effects of APOE on cognitive aging in community-dwelling older adults.. Neuropsychology, 2019, 33, 406-416.	1.0	51
45	Polygenic hazard scores in preclinical Alzheimer disease. Annals of Neurology, 2017, 82, 484-488.	2.8	49
46	Structural Neuroimaging in the Detection and Prognosis of Pre-Clinical and Early AD. Behavioural Neurology, 2009, 21, 3-12.	1.1	48
47	Sex-dependent autosomal effects on clinical progression of Alzheimerâ€™s disease. Brain, 2020, 143, 2272-2280.	3.7	46
48	Task-evoked pupil dilation and BOLD variance as indicators of locus coeruleus dysfunction. Cortex, 2017, 97, 60-69.	1.1	45
49	The Apnea Positive Pressure Long-term Efficacy Study (APPLES): rationale, design, methods, and procedures. Journal of Clinical Sleep Medicine, 2006, 2, 288-300.	1.4	45
50	Deblurring. Journal of Clinical Neurophysiology, 1999, 16, 204-213.	0.9	44
51	Human auditory cortical mechanisms of sound lateralization: I. Interaural time differences within sound. Hearing Research, 1993, 67, 89-97.	0.9	42
52	Neuroimaging Enrichment Strategy for Secondary Prevention Trials in Alzheimer Disease. Alzheimer Disease and Associated Disorders, 2010, 24, 269-277.	0.6	42
53	Combining Polygenic Hazard Score With Volumetric MRI and Cognitive Measures Improves Prediction of Progression From Mild Cognitive Impairment to Alzheimer's Disease. Frontiers in Neuroscience, 2018, 12, 260.	1.4	41
54	MRIâ€assessed locus coeruleus integrity is heritable and associated with multiple cognitive domains, mild cognitive impairment, and daytime dysfunction. Alzheimer's and Dementia, 2021, 17, 1017-1025.	0.4	41

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55	Abundant Genetic Overlap between Blood Lipids and Immune-Mediated Diseases Indicates Shared Molecular Genetic Mechanisms. PLoS ONE, 2015, 10, e0123057.	1.1	40
56	Metabolic Syndrome and 16-Year Cognitive Decline in Community-Dwelling Older Adults. Annals of Epidemiology, 2012, 22, 310-317.	0.9	39
57	Plasma leptin levels are not predictive of dementia in patients with mild cognitive impairment. Age and Ageing, 2015, 44, 53-58.	0.7	37
58	Genetic and environmental influences on cortical mean diffusivity. NeuroImage, 2017, 146, 90-99.	2.1	37
59	Negative fateful life events in midlife and advanced predicted brain aging. Neurobiology of Aging, 2018, 67, 1-9.	1.5	37
60	Sex Differences in the Association of Framingham Cardiac Risk Score With Cognitive Decline in Community-Dwelling Elders Without Clinical Heart Disease. Psychosomatic Medicine, 2011, 73, 683-689.	1.3	36
61	APOE interacts with age to modify rate of decline in cognitive and brain changes in Alzheimer's disease. Alzheimer's and Dementia, 2014, 10, 336-348.	0.4	35
62	Identification of genetic heterogeneity of Alzheimer's disease across age. Neurobiology of Aging, 2019, 84, 243.e1-243.e9.	1.5	34
63	Changes in Alcohol Intake and Their Relationship with Health Status over a 24â€Year Followâ€Up Period in Communityâ€Dwelling Older Adults. Journal of the American Geriatrics Society, 2013, 61, 1303-1308.	1.3	32
64	Alcohol intake and brain white matter in middle aged men: Microscopic and macroscopic differences. NeuroImage: Clinical, 2018, 18, 390-398.	1.4	30
65	Lifetime physical activity and late-life cognitive function: the Rancho Bernardo study. Age and Ageing, 2019, 48, 241-246.	0.7	30
66	Alcohol Intake and Cognitively Healthy Longevity in Community-Dwelling Adults: The Rancho Bernardo Study. Journal of Alzheimer's Disease, 2017, 59, 803-814.	1.2	29
67	CETP polymorphisms associate with brain structure, atrophy rate, and Alzheimerâ€™s disease risk in an APOE-dependent manner. Brain Imaging and Behavior, 2012, 6, 16-26.	1.1	27
68	Microstructural brain changes track cognitive decline in mild cognitive impairment. NeuroImage: Clinical, 2018, 20, 883-891.	1.4	26
69	Genetic overlap between multiple sclerosis and several cardiovascular disease risk factors. Multiple Sclerosis Journal, 2016, 22, 1783-1793.	1.4	25
70	Sensitivity of restriction spectrum imaging to memory and neuropathology in Alzheimerâ€™s disease. Alzheimer's Research and Therapy, 2017, 9, 55.	3.0	25
71	Fetuinâ€<scp>A</scp>, a new vascular biomarker of cognitive decline in older adults. Clinical Endocrinology, 2014, 81, 134-140.	1.2	24
72	Structural neuroimaging in the detection and prognosis of pre-clinical and early AD. Behavioural Neurology, 2009, 21, 3-12.	1.1	24

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73	Age-Related Changes in the Neurophysiology of Language in Adults: Relationship to Regional Cortical Thinning and White Matter Microstructure. Journal of Neuroscience, 2012, 32, 12204-12213.	1.7	23
74	White matter disease in midlife is heritable, related to hypertension, and shares some genetic influence with systolic blood pressure. NeuroImage: Clinical, 2016, 12, 737-745.	1.4	23
75	Vitamin D Insufficiency and Cognitive Function Trajectories in Older Adults: The Rancho Bernardo Study. Journal of Alzheimer's Disease, 2017, 58, 871-883.	1.2	23
76	Characterizing Impaired Functional Alertness From Diphenhydramine in the Elderly With Performance and Neurophysiologic Measures. Sleep, 2006, 29, 957-966.	0.6	22
77	Long-term and within-day variability of working memory performance and EEG in individuals. Clinical Neurophysiology, 2012, 123, 1291-1299.	0.7	22
78	Task-related EEG and ERP changes without performance impairment following a single dose of phenytoin. Clinical Neurophysiology, 2002, 113, 806-814.	0.7	21
79	Revisiting Antipsychotic Drug Actions Through Gene Networks Associated With Schizophrenia. American Journal of Psychiatry, 2018, 175, 674-682.	4.0	20
80	A cognitive and neurophysiological test of change from an individualâ€™s baseline. Clinical Neurophysiology, 2011, 122, 114-120.	0.7	18
81	Predominantly global genetic influences on individual white matter tract microstructure. NeuroImage, 2019, 184, 871-880.	2.1	18
82	The Timing of the Processes Underlying Lateralization. Ear and Hearing, 1991, 12, 389-398.	1.0	17
83	Higher education is not associated with greater cortical thickness in brain areas related to literacy or intelligence in normal aging or mild cognitive impairment. Journal of Clinical and Experimental Neuropsychology, 2012, 34, 925-935.	0.8	17
84	Sex differences in Alzheimer's disease: do differences in tau explain the verbal memory gap?. Neurobiology of Aging, 2021, 107, 70-77.	1.5	17
85	Genetic architecture of hippocampal subfields on standard resolution MRI: How the parts relate to the whole. Human Brain Mapping, 2019, 40, 1528-1540.	1.9	16
86	Age and Sex Differences in the Associations of Pulse Pressure With White Matter and Subcortical Microstructure. Hypertension, 2021, 77, 938-947.	1.3	16
87	Genetic and environmental influences on mean diffusivity and volume in subcortical brain regions. Human Brain Mapping, 2017, 38, 2589-2598.	1.9	15
88	Physical Activity and Trajectories of Cognitive Change in Community-Dwelling Older Adults: The Rancho Bernardo Study. Journal of Alzheimer's Disease, 2019, 71, 109-118.	1.2	15
89	Associations Between Microstructure, Amyloid, and Cognition in Amnestic Mild Cognitive Impairment and Dementia. Journal of Alzheimer's Disease, 2020, 73, 347-357.	1.2	15
90	Genetic network properties of the human cortex based on regional thickness and surface area measures. Frontiers in Human Neuroscience, 2015, 9, 440.	1.0	14

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91	Genetic Sharing with Cardiovascular Disease Risk Factors and Diabetes Reveals Novel Bone Mineral Density Loci. PLoS ONE, 2015, 10, e0144531.	1.1	14
92	Modifying the minimum criteria for diagnosing amnestic MCI to improve prediction of brain atrophy and progression to Alzheimerâ€™s disease. Brain Imaging and Behavior, 2020, 14, 787-796.	1.1	14
93	Association of Epigenetic Age Acceleration With Incident Mild Cognitive Impairment and Dementia Among Older Women. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2022, 77, 1239-1244.	1.7	13
94	Biomarkers for the clinical evaluation of the cognitively impaired elderly: amyloid is not enough. Imaging in Medicine, 2012, 4, 343-357.	0.0	12
95	Cognitive Phenotypes, Brain Morphometry and the Detection of Cognitive Decline in Preclinical AD. Behavioural Neurology, 2009, 21, 29-37.	1.1	11
96	Abnormalities in hippocampal volume of glioma patients prior to radiotherapy. Acta OncolÃ³gica, 2017, 56, 427-430.	0.8	11
97	Posttraumatic stress symptom persistence across 24Âyears: association with brain structures. Brain Imaging and Behavior, 2020, 14, 1208-1220.	1.1	10
98	Associations between age and brain microstructure in older community-dwelling men and women: the Rancho Bernardo Study. Neurobiology of Aging, 2020, 95, 94-103.	1.5	10
99	Interaction between Alcohol Consumption and Apolipoprotein E (ApoE) Genotype with Cognition in Middle-Aged Men. Journal of the International Neuropsychological Society, 2021, 27, 56-68.	1.2	10
100	Moderate Alcohol Use Is Associated with Reduced Cardiovascular Risk in Middle-Aged Men Independent of Health, Behavior, Psychosocial, and Earlier Life Factors. Nutrients, 2022, 14, 2183.	1.7	10
101	Pregnancy history and cognitive aging among older women: the Rancho Bernardo Study. Menopause, 2019, 26, 750-757.	0.8	9
102	Mapping the gene network landscape of Alzheimerâ€™s disease through integrating genomics and transcriptomics. PLoS Computational Biology, 2022, 18, e1009903.	1.5	9
103	Associations between MRI-assessed locus coeruleus integrity and cortical gray matter microstructure. Cerebral Cortex, 2022, 32, 4191-4203.	1.6	9
104	A Method to Combine Cognitive and Neurophysiological Assessments of the Elderly. Dementia and Geriatric Cognitive Disorders, 2011, 31, 7-19.	0.7	8
105	Relation of Depressive Symptoms With Coronary Artery Calcium Determined by Electron-Beam Computed Tomography (from the Rancho Bernardo Study). American Journal of Cardiology, 2016, 117, 325-332.	0.7	8
106	Similar Genetic Architecture of Alzheimerâ€™s Disease and Differential APOE Effect Between Sexes. Frontiers in Aging Neuroscience, 2021, 13, 674318.	1.7	8
107	Dual impairments in visual and hearing acuity and age-related cognitive decline in older adults from the Rancho Bernardo Study of Healthy Aging. Age and Ageing, 2021, 50, 1268-1276.	0.7	8
108	Longâ€term associations of cigarette smoking in early midâ€life with predicted brain aging from midâ€to late life. Addiction, 2022, 117, 1049-1059.	1.7	8

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109	Sex and APOE É4 modify the effect of cardiovascular risk on tau in cognitively normal older adults. Brain Communications, 2022, 4, fcac035.	1.5	8
110	12-year prediction of mild cognitive impairment aided by Alzheimerâ€™s brain signatures at mean age 56. Brain Communications, 2021, 3, fcab167.	1.5	7
111	Biomarkers of kidney function and cognitive ability: A Mendelian randomization study. Journal of the Neurological Sciences, 2021, 430, 118071.	0.3	7
112	Brain microstructure mediates sex-specific patterns of cognitive aging. Aging, 2021, 13, 3218-3238.	1.4	6
113	Dietary Potassium Intake and 20-Year All-Cause Mortality in Older Adults: The Rancho Bernardo Study. Journal of Nutrition in Gerontology and Geriatrics, 2021, 40, 46-57.	0.4	5
114	Cognitive phenotypes, brain morphometry and the detection of cognitive decline in preclinical AD. Behavioural Neurology, 2009, 21, 29-37.	1.1	5
115	Periventricular and deep abnormal white matter differ in associations with cognitive performance at midlife.. Neuropsychology, 2021, 35, 252-264.	1.0	3
116	Markers of Kidney Function and Longitudinal Cognitive Ability Among Older Community-Dwelling Adults: The Rancho Bernardo Study. Journal of Alzheimer's Disease, 2021, 83, 319-331.	1.2	3
117	The Impact of Genes and Environment on Brain Ageing in Males Aged 51 to 72 Years. Frontiers in Aging Neuroscience, 2022, 14, 831002.	1.7	3
118	Persisting versus sustained neural activity. NeuroReport, 1996, 7, 1389-1392.	0.6	2
119	Paradoxical cognitive trajectories in men from earlier to later adulthood. Neurobiology of Aging, 2021, 109, 229-238.	1.5	2
120	Markers of kidney function, genetic variation related to cognitive function, and cognitive performance in the UK Biobank. BMC Nephrology, 2022, 23, 159.	0.8	2
121	HEAVY ALCOHOL CONSUMPTION IN MIDLIFE IS ASSOCIATED WITH ACCELERATED BRAIN AGING SIX YEARS LATER. Innovation in Aging, 2019, 3, S911-S911.	0.0	1
122	Alcohol use and cognitive performance: a comparison between Greece and the United States. Aging and Mental Health, 2022, 26, 2440-2446.	1.5	1
123	Alcohol use and cognitive aging in middle-aged men: The Vietnam Era Twin Study of Aging. Journal of the International Neuropsychological Society, 2023, 29, 235-245.	1.2	1
124	Modulation of the human EEG by variations in the difficulty of working memory tasks. NeuroImage, 1996, 3, S198.	2.1	0
125	Disruption of White Matter Connectivity Precedes Development of Dementia in Alzheimer Disease. Radiology, 2022, 302, 151-152.	3.6	0