

# Janie Corley

## List of Publications by Year in descending order

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Version: 2024-02-01

90  
papers

9,809  
citations

61984

43  
h-index

42399

92  
g-index

99  
all docs

99  
docs citations

99  
times ranked

17442  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mediterranean-Type Diet and Brain Structural Change from 73 to 79 Years in the Lothian Birth Cohort 1936. <i>Journal of Nutrition, Health and Aging</i> , 2022, 26, 368-372.	3.3	1
2	Contribution of white matter hyperintensities to ventricular enlargement in older adults. <i>NeuroImage: Clinical</i> , 2022, 34, 103019.	2.7	4
3	An epigenetic predictor of death captures multi-modal measures of brain health. <i>Molecular Psychiatry</i> , 2021, 26, 3806-3816.	7.9	77
4	Three major dimensions of human brain cortical ageing in relation to cognitive decline across the eighth decade of life. <i>Molecular Psychiatry</i> , 2021, 26, 2651-2662.	7.9	29
5	Home garden use during COVID-19: Associations with physical and mental wellbeing in older adults. <i>Journal of Environmental Psychology</i> , 2021, 73, 101545.	5.1	151
6	Impact of COVID-19 lockdown on psychosocial factors, health, and lifestyle in Scottish octogenarians: The Lothian Birth Cohort 1936 study. <i>PLoS ONE</i> , 2021, 16, e0253153.	2.5	12
7	Cerebral small vessel disease burden and longitudinal cognitive decline from age 73 to 82: the Lothian Birth Cohort 1936. <i>Translational Psychiatry</i> , 2021, 11, 376.	4.8	19
8	Associations between total MRI-visible small vessel disease burden and domain-specific cognitive abilities in a community-dwelling older-age cohort. <i>Neurobiology of Aging</i> , 2021, 105, 25-34.	3.1	5
9	Dietary patterns and trajectories of global- and domain-specific cognitive decline in the Lothian Birth Cohort 1936. <i>British Journal of Nutrition</i> , 2021, 126, 1237-1246.	2.3	3
10	Change in Physical Activity, Sleep Quality, and Psychosocial Variables during COVID-19 Lockdown: Evidence from the Lothian Birth Cohort 1936. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 210.	2.6	47
11	Meta-analysis of up to 622,409 individuals identifies 40 novel smoking behaviour associated genetic loci. <i>Molecular Psychiatry</i> , 2020, 25, 2392-2409.	7.9	83
12	Polygenic predictors of age-related decline in cognitive ability. <i>Molecular Psychiatry</i> , 2020, 25, 2584-2598.	7.9	38
13	Sleep and brain morphological changes in the eighth decade of life. <i>Sleep Medicine</i> , 2020, 65, 152-158.	1.6	27
14	Fluctuating asymmetry in brain structure and general intelligence in 73-year-olds. <i>Intelligence</i> , 2020, 78, 101407.	3.0	9
15	Computational quantification of brain perivascular space morphologies: Associations with vascular risk factors and white matter hyperintensities. A study in the Lothian Birth Cohort 1936. <i>NeuroImage: Clinical</i> , 2020, 25, 102120.	2.7	51
16	Dietary patterns, cognitive function, and structural neuroimaging measures of brain aging. <i>Experimental Gerontology</i> , 2020, 142, 111117.	2.8	23
17	Inflammation as a risk factor for the development of frailty in the Lothian Birth Cohort 1936. <i>Experimental Gerontology</i> , 2020, 139, 111055.	2.8	19
18	Adherence to the MIND diet is associated with 12-year all-cause mortality in older adults. <i>Public Health Nutrition</i> , 2020, , 1-10.	2.2	10

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19	Neurology-related protein biomarkers are associated with cognitive ability and brain volume in older age. <i>Nature Communications</i> , 2020, 11, 800.	12.8	42
20	Associations between Dietary Inflammatory Index Scores and Inflammatory Biomarkers among Older Adults in the Lothian Birth Cohort 1936 Study. <i>Journal of Nutrition, Health and Aging</i> , 2019, 23, 628-636.	3.3	48
21	Epigenetic signatures of smoking associate with cognitive function, brain structure, and mental and physical health outcomes in the Lothian Birth Cohort 1936. <i>Translational Psychiatry</i> , 2019, 9, 248.	4.8	34
22	Associations of autozygosity with a broad range of human phenotypes. <i>Nature Communications</i> , 2019, 10, 4957.	12.8	84
23	Associations of Mitochondrial and Nuclear Mitochondrial Variants and Genes with Seven Metabolic Traits. <i>American Journal of Human Genetics</i> , 2019, 104, 112-138.	6.2	106
24	Exome Chip Meta-analysis Fine Maps Causal Variants and Elucidates the Genetic Architecture of Rare Coding Variants in Smoking and Alcohol Use. <i>Biological Psychiatry</i> , 2019, 85, 946-955.	1.3	69
25	Reaction time variability and brain white matter integrity. <i>Neuropsychology</i> , 2019, 33, 642-657.	1.3	6
26	DNA methylation-based estimator of telomere length. <i>Aging</i> , 2019, 11, 5895-5923.	3.1	198
27	Coupled changes in hippocampal structure and cognitive ability in later life. <i>Brain and Behavior</i> , 2018, 8, e00838.	2.2	21
28	Brain age predicts mortality. <i>Molecular Psychiatry</i> , 2018, 23, 1385-1392.	7.9	513
29	Healthy cognitive ageing in the Lothian Birth Cohort studies: marginal gains not magic bullet. <i>Psychological Medicine</i> , 2018, 48, 187-207.	4.5	51
30	Brain cortical characteristics of lifetime cognitive ageing. <i>Brain Structure and Function</i> , 2018, 223, 509-518.	2.3	44
31	Brain structural differences between 73- and 92-year olds matched for childhood intelligence, social background, and intracranial volume. <i>Neurobiology of Aging</i> , 2018, 62, 146-158.	3.1	11
32	Fluid Intelligence Predicts Change in Depressive Symptoms in Later Life: The Lothian Birth Cohort 1936. <i>Psychological Science</i> , 2018, 29, 1984-1995.	3.3	15
33	Association between carotid atheroma and cerebral cortex structure at age 73 years. <i>Annals of Neurology</i> , 2018, 84, 576-587.	5.3	20
34	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. <i>Nature Communications</i> , 2018, 9, 2098.	12.8	484
35	Apolipoprotein E genotype does not moderate the associations of depressive symptoms, neuroticism and allostatic load with cognitive ability and cognitive aging in the Lothian Birth Cohort 1936. <i>PLoS ONE</i> , 2018, 13, e0192604.	2.5	7
36	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. <i>Nature Genetics</i> , 2018, 50, 26-41.	21.4	286

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37	Predictors of gait speed and its change over three years in community-dwelling older people. <i>Aging</i> , 2018, 10, 144-153.	3.1	19
38	Rare and low-frequency coding variants alter human adult height. <i>Nature</i> , 2017, 542, 186-190.	27.8	544
39	Impact of small vessel disease in the brain on gait and balance. <i>Scientific Reports</i> , 2017, 7, 41637.	3.3	86
40	Retinal microvascular network geometry and cognitive abilities in community-dwelling older people: The Lothian Birth Cohort 1936 study. <i>British Journal of Ophthalmology</i> , 2017, 101, 993-998.	3.9	25
41	Risk and protective factors for structural brain ageing in the eighth decade of life. <i>Brain Structure and Function</i> , 2017, 222, 3477-3490.	2.3	40
42	Interaction of APOE e4 and poor glycemic control predicts white matter hyperintensity growth from 73 to 76. <i>Neurobiology of Aging</i> , 2017, 54, 54-58.	3.1	20
43	Mediterranean-type diet and brain structural change from 73 to 76 years in a Scottish cohort. <i>Neurology</i> , 2017, 88, 449-455.	1.1	109
44	Dietary iodine exposure and brain structures and cognition in older people. Exploratory analysis in the Lothian Birth Cohort 1936. <i>Journal of Nutrition, Health and Aging</i> , 2017, 21, 971-979.	3.3	11
45	Age-related gene expression changes, and transcriptome wide association study of physical and cognitive aging traits, in the Lothian Birth Cohort 1936. <i>Aging</i> , 2017, 9, 2489-2503.	3.1	33
46	Association of Body Mass Index with DNA Methylation and Gene Expression in Blood Cells and Relations to Cardiometabolic Disease: A Mendelian Randomization Approach. <i>PLoS Medicine</i> , 2017, 14, e1002215.	8.4	246
47	The complex genetics of gait speed: genome-wide meta-analysis approach. <i>Aging</i> , 2017, 9, 209-246.	3.1	21
48	Longitudinal telomere length shortening and cognitive and physical decline in later life: The Lothian Birth Cohorts 1936 and 1921. <i>Mechanisms of Ageing and Development</i> , 2016, 154, 43-48.	4.6	37
49	Predictors of ageing-related decline across multiple cognitive functions. <i>Intelligence</i> , 2016, 59, 115-126.	3.0	112
50	Associations between education and brain structure at age 73 years, adjusted for age 11 IQ. <i>Neurology</i> , 2016, 87, 1820-1826.	1.1	46
51	Vascular risk factors and progression of white matter hyperintensities in the Lothian Birth Cohort 1936. <i>Neurobiology of Aging</i> , 2016, 42, 116-123.	3.1	72
52	Progression of White Matter Disease and Cortical Thinning Are Not Related in Older Community-Dwelling Subjects. <i>Stroke</i> , 2016, 47, 410-416.	2.0	35
53	Early life characteristics and late life burden of cerebral small vessel disease in the Lothian Birth Cohort 1936. <i>Aging</i> , 2016, 8, 2039-2061.	3.1	20
54	Dietary factors and biomarkers of systemic inflammation in older people: the Lothian Birth Cohort 1936. <i>British Journal of Nutrition</i> , 2015, 114, 1088-1098.	2.3	37

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55	Serum cholesterol and cognitive functions: the Lothian Birth Cohort 1936. <i>International Psychogeriatrics</i> , 2015, 27, 439-453.	1.0	22
56	Coupled Changes in Brain White Matter Microstructure and Fluid Intelligence in Later Life. <i>Journal of Neuroscience</i> , 2015, 35, 8672-8682.	3.6	97
57	Beyond a bigger brain: Multivariable structural brain imaging and intelligence. <i>Intelligence</i> , 2015, 51, 47-56.	3.0	101
58	Cigarette smoking and thinning of the brain's cortex. <i>Molecular Psychiatry</i> , 2015, 20, 778-785.	7.9	136
59	Brain volumetric changes and cognitive ageing during the eighth decade of life. <i>Human Brain Mapping</i> , 2015, 36, 4910-4925.	3.6	79
60	Genetic contributions to variation in general cognitive function: a meta-analysis of genome-wide association studies in the CHARGE consortium (N=53,949). <i>Molecular Psychiatry</i> , 2015, 20, 183-192.	7.9	344
61	Exploratory analysis of dietary intake and brain iron accumulation detected using magnetic resonance imaging in older individuals: The Lothian Birth Cohort 1936. <i>Journal of Nutrition, Health and Aging</i> , 2015, 19, 64-69.	3.3	9
62	DNA methylation age of blood predicts all-cause mortality in later life. <i>Genome Biology</i> , 2015, 16, 25.	8.8	928
63	The epigenetic clock is correlated with physical and cognitive fitness in the Lothian Birth Cohort 1936. <i>International Journal of Epidemiology</i> , 2015, 44, 1388-1396.	1.9	472
64	Association of allostatic load with brain structure and cognitive ability in later life. <i>Neurobiology of Aging</i> , 2015, 36, 1390-1399.	3.1	67
65	Total MRI load of cerebral small vessel disease and cognitive ability in older people. <i>Neurobiology of Aging</i> , 2015, 36, 2806-2811.	3.1	199
66	Childhood cognitive ability accounts for associations between cognitive ability and brain cortical thickness in old age. <i>Molecular Psychiatry</i> , 2014, 19, 555-559.	7.9	104
67	Circulating Inflammatory Markers Are Associated With Magnetic Resonance Imaging-Visible Perivascular Spaces But Not Directly With White Matter Hyperintensities. <i>Stroke</i> , 2014, 45, 605-607.	2.0	113
68	A genome-wide association study implicates the APOE locus in nonpathological cognitive ageing. <i>Molecular Psychiatry</i> , 2014, 19, 76-87.	7.9	142
69	Genetic and environmental exposures constrain epigenetic drift over the human life course. <i>Genome Research</i> , 2014, 24, 1725-1733.	5.5	152
70	Personality, health, and brain integrity: The Lothian Birth Cohort Study 1936.. <i>Health Psychology</i> , 2014, 33, 1477-1486.	1.6	38
71	Polygenic Risk for Schizophrenia Is Associated with Cognitive Change Between Childhood and Old Age. <i>Biological Psychiatry</i> , 2013, 73, 938-943.	1.3	118
72	Which Social Network or Support Factors are Associated with Cognitive Abilities in Old Age?. <i>Gerontology</i> , 2013, 59, 454-463.	2.8	125

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73	Brain white matter tract integrity and cognitive abilities in community-dwelling older people: The Lothian Birth Cohort, 1936.. <i>Neuropsychology</i> , 2013, 27, 595-607.	1.3	34
74	Brain white matter tract integrity and cognitive abilities in community-dwelling older people: The Lothian Birth Cohort, 1936. Correction to Booth et al. (2013).. <i>Neuropsychology</i> , 2013, 27, 701-701.	1.3	0
75	Do dietary patterns influence cognitive function in old age?. <i>International Psychogeriatrics</i> , 2013, 25, 1393-1407.	1.0	45
76	Incidental Findings on Brain MR Imaging in Older Community-Dwelling Subjects Are Common but Serious Medical Consequences Are Rare: A Cohort Study. <i>PLoS ONE</i> , 2013, 8, e71467.	2.5	49
77	Reverse causation in activity-cognitive ability associations: The Lothian Birth Cohort 1936.. <i>Psychology and Aging</i> , 2012, 27, 250-255.	1.6	72
78	Smoking, childhood IQ, and cognitive function in old age. <i>Journal of Psychosomatic Research</i> , 2012, 73, 132-138.	2.6	48
79	Genetic contributions to stability and change in intelligence from childhood to old age. <i>Nature</i> , 2012, 482, 212-215.	27.8	228
80	Genetic Copy Number Variation and General Cognitive Ability. <i>PLoS ONE</i> , 2012, 7, e37385.	2.5	21
81	Psychosocial factors and health as determinants of quality of life in community-dwelling older adults. <i>Quality of Life Research</i> , 2012, 21, 505-516.	3.1	68
82	Genome-wide association studies establish that human intelligence is highly heritable and polygenic. <i>Molecular Psychiatry</i> , 2011, 16, 996-1005.	7.9	571
83	Childhood Socioeconomic Position and Objectively Measured Physical Capability Levels in Adulthood: A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2011, 6, e15564.	2.5	121
84	Psychological and physical health at age 70 in the Lothian Birth Cohort 1936: Links with early life IQ, SES, and current cognitive function and neighborhood environment.. <i>Health Psychology</i> , 2011, 30, 1-11.	1.6	55
85	Alcohol intake and cognitive abilities in old age: The Lothian Birth Cohort 1936 study.. <i>Neuropsychology</i> , 2011, 25, 166-175.	1.3	37
86	Antioxidant and B vitamin intake in relation to cognitive function in later life in the Lothian Birth Cohort 1936. <i>European Journal of Clinical Nutrition</i> , 2011, 65, 619-626.	2.9	41
87	Flavonoid intake in relation to cognitive function in later life in the Lothian Birth Cohort 1936. <i>British Journal of Nutrition</i> , 2011, 106, 141-148.	2.3	34
88	Caffeine Consumption and Cognitive Function at Age 70: The Lothian Birth Cohort 1936 Study. <i>Psychosomatic Medicine</i> , 2010, 72, 206-214.	2.0	57
89	Is body mass index in old age related to cognitive abilities? The Lothian Birth Cohort 1936 Study.. <i>Psychology and Aging</i> , 2010, 25, 867-875.	1.6	35
90	Age-associated cognitive decline. <i>British Medical Bulletin</i> , 2009, 92, 135-152.	6.9	857