

# Stuart J Ritchie

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

4,351  
citations

172457

29  
h-index

197818

49  
g-index

53  
all docs

53  
docs citations

53  
times ranked

8413  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomic structural equation modelling provides insights into the multivariate genetic architecture of complex traits. <i>Nature Human Behaviour</i> , 2019, 3, 513-525.	12.0	511
2	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. <i>Nature Communications</i> , 2018, 9, 2098.	12.8	484
3	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
4	Ageing and brain white matter structure in 3,513 UK Biobank participants. <i>Nature Communications</i> , 2016, 7, 13629.	12.8	373
5	Associations between vascular risk factors and brain MRI indices in UK Biobank. <i>European Heart Journal</i> , 2019, 40, 2290-2300.	2.2	204
6	Comparing Within- and Between-Family Polygenic Score Prediction. <i>American Journal of Human Genetics</i> , 2019, 105, 351-363.	6.2	190
7	Epigenetic prediction of complex traits and death. <i>Genome Biology</i> , 2018, 19, 136.	8.8	146
8	Use caution when applying behavioural science to policy. <i>Nature Human Behaviour</i> , 2020, 4, 1092-1094.	12.0	119
9	Recommendations for Increasing the Transparency of Analysis of Preexisting Data Sets. <i>Advances in Methods and Practices in Psychological Science</i> , 2019, 2, 214-227.	9.4	117
10	Predictors of ageing-related decline across multiple cognitive functions. <i>Intelligence</i> , 2016, 59, 115-126.	3.0	112
11	Genetic variants linked to education predict longevity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13366-13371.	7.1	110
12	Genome-wide analysis identifies molecular systems and 149 genetic loci associated with income. <i>Nature Communications</i> , 2019, 10, 5741.	12.8	110
13	Beyond a bigger brain: Multivariable structural brain imaging and intelligence. <i>Intelligence</i> , 2015, 51, 47-56.	3.0	101
14	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
15	Genetic prediction of male pattern baldness. <i>PLoS Genetics</i> , 2017, 13, e1006594.	3.5	89
16	The effect of network thresholding and weighting on structural brain networks in the UK Biobank. <i>NeuroImage</i> , 2020, 211, 116443.	4.2	88
17	Impact of small vessel disease in the brain on gait and balance. <i>Scientific Reports</i> , 2017, 7, 41637.	3.3	86
18	Brain white matter structure and information processing speed in healthy older age. <i>Brain Structure and Function</i> , 2016, 221, 3223-3235.	2.3	75

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	Resting-State Connectivity and Its Association With Cognitive Performance, Educational Attainment, and Household Income in the UK Biobank. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 878-886.	1.5	46
23	Alzheimer disease genetic risk factor <i>APOE</i> ε4 and cognitive abilities in 111,739 UK Biobank participants. <i>Age and Ageing</i> , 2016, 45, 511-517.	1.6	45
24	Getting Spearman off the Skyhook: One More in a Century (Since Thomson, 1916) of Attempts to Vanquish <i>g</i> . <i>Psychological Inquiry</i> , 2016, 27, 192-199.	0.9	45
25	Brain cortical characteristics of lifetime cognitive ageing. <i>Brain Structure and Function</i> , 2018, 223, 509-518.	2.3	44
26	Cognitive ability and education: How behavioural genetic research has advanced our knowledge and understanding of their association. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 111, 229-245.	6.1	44
27	Variations in cognitive abilities across the life course: Cross-sectional evidence from Understanding Society : The UK Household Longitudinal Study. <i>Intelligence</i> , 2016, 59, 39-50.	3.0	41
28	Molecular genetic contributions to self-rated health. <i>International Journal of Epidemiology</i> , 2017, 46, dyw219.	1.9	39
29	Polygenic predictors of age-related decline in cognitive ability. <i>Molecular Psychiatry</i> , 2020, 25, 2584-2598.	7.9	38
30	A strong link between speed of visual discrimination and cognitive ageing. <i>Current Biology</i> , 2014, 24, R681-R683.	3.9	36
31	Sleep and cognitive aging in the eighth decade of life. <i>Sleep</i> , 2019, 42, .	1.1	32
32	Cognitive Ability in Late Life and Onset of Physical Frailty: The Lothian Birth Cohort 1936. <i>Journal of the American Geriatrics Society</i> , 2017, 65, 1289-1295.	2.6	27
33	Religiosity is negatively associated with later-life intelligence, but not with age-related cognitive decline. <i>Intelligence</i> , 2014, 46, 9-17.	3.0	24
34	Ageing-Sensitive Networks Within the Human Structural Connectome Are Implicated in Late-Life Cognitive Declines. <i>Biological Psychiatry</i> , 2021, 89, 795-806.	1.3	23
35	Interaction of <i>APOE</i> ε4 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
36	Contesting the evidence for limited human lifespan. <i>Nature</i> , 2017, 546, E6-E7.	27.8	20

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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	Effects of Sleep Deprivation on Hypoglycemia-Induced Cognitive Impairment and Recovery in Adults With Type 1 Diabetes. <i>Diabetes Care</i> , 2016, 39, 750-756.	8.6	15
39	Longitudinal serum S100 $\beta$ and brain aging in the Lothian Birth Cohort 1936. <i>Neurobiology of Aging</i> , 2018, 69, 274-282.	3.1	13
40	What are the earlier life contributions to reserve and resilience?. <i>Neurobiology of Aging</i> , 2019, 83, 135-139.	3.1	12
41	Physical frailty and decline in general and specific cognitive abilities: the Lothian Birth Cohort 1936. <i>Journal of Epidemiology and Community Health</i> , 2020, 74, 108-113.	3.7	12
42	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
43	Etiological pathways of depressive and anxiety symptoms linked to personality traits: A genetically-informative longitudinal study. <i>Journal of Affective Disorders</i> , 2021, 291, 261-269.	4.1	11
44	Pathfinder: a gamified measure to integrate general cognitive ability into the biological, medical, and behavioural sciences. <i>Molecular Psychiatry</i> , 2021, 26, 7823-7837.	7.9	11
45	Methodological problems in a study of fetal visual perception. <i>Current Biology</i> , 2018, 28, R594-R596.	3.9	10
46	Fluctuating asymmetry in brain structure and general intelligence in 73-year-olds. <i>Intelligence</i> , 2020, 78, 101407.	3.0	9
47	Publication bias in a recent meta-analysis on breastfeeding and IQ. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2017, 106, 345-345.	1.5	8
48	Retinal microvascular features and cognitive change in the Lothian Birth Cohort 1936. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019, 11, 500-509.	2.4	8
49	Association Between Maternal Fluoride Exposure and Child IQ. <i>JAMA Pediatrics</i> , 2020, 174, 213.	6.2	0
50	The aetiological relationship between depressive symptoms and health-related quality of life: A population-based twin study in Sri Lanka. <i>PLoS ONE</i> , 2022, 17, e0265421.	2.5	0