

Mat Harris

List of Publications by Year in descending order

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45
papers

3,043
citations

304743

22
h-index

223800

46
g-index

57
all docs

57
docs citations

57
times ranked

5462
citing authors

#	ARTICLE	IF	CITATIONS
1	Sex Differences in the Adult Human Brain: Evidence from 5216 UK Biobank Participants. <i>Cerebral Cortex</i> , 2018, 28, 2959-2975.	2.9	594
2	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020, 367, .	12.6	450
3	Mapping cortical brain asymmetry in 17,141 healthy individuals worldwide via the ENIGMA Consortium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5154-E5163.	7.1	299
4	White matter disturbances in major depressive disorder: a coordinated analysis across 20 international cohorts in the ENIGMA MDD working group. <i>Molecular Psychiatry</i> , 2020, 25, 1511-1525.	7.9	218
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	Aging specifically impairs switching to an allocentric navigational strategy. <i>Frontiers in Aging Neuroscience</i> , 2012, 4, 29.	3.4	94
7	Personality stability from age 14 to age 77 years.. <i>Psychology and Aging</i> , 2016, 31, 862-874.	1.6	83
8	How age-related strategy switching deficits affect wayfinding in complex environments. <i>Neurobiology of Aging</i> , 2014, 35, 1095-1102.	3.1	82
9	Brain structural abnormalities in obesity: relation to age, genetic risk, and common psychiatric disorders. <i>Molecular Psychiatry</i> , 2021, 26, 4839-4852.	7.9	76
10	Genetic variants associated with longitudinal changes in brain structure across the lifespan. <i>Nature Neuroscience</i> , 2022, 25, 421-432.	14.8	75
11	Association of Structural Magnetic Resonance Imaging Measures With Psychosis Onset in Individuals at Clinical High Risk for Developing Psychosis. <i>JAMA Psychiatry</i> , 2021, 78, 753.	11.0	74
12	Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. <i>Nature Communications</i> , 2020, 11, 4796.	12.8	61
13	Blunted medial prefrontal cortico-limbic reward-related effective connectivity and depression. <i>Brain</i> , 2020, 143, 1946-1956.	7.6	54
14	Structural brain correlates of serum and epigenetic markers of inflammation in major depressive disorder. <i>Brain, Behavior, and Immunity</i> , 2021, 92, 39-48.	4.1	53
15	Wakeful rest promotes the integration of spatial memories into accurate cognitive maps. <i>Hippocampus</i> , 2016, 26, 185-193.	1.9	44
16	DNA Methylation and Protein Markers of Chronic Inflammation and Their Associations With Brain and Cognitive Aging. <i>Neurology</i> , 2021, 97, e2340-e2352.	1.1	44
17	In vivo hippocampal subfield volumes in bipolar disorder—A mega-analysis from The Enhancing Neuro Imaging Genetics through <sc>Meta-analysis</sc> Bipolar Disorder Working Group. <i>Human Brain Mapping</i> , 2022, 43, 385-398.	3.6	41
18	No Alterations of Brain Structural Asymmetry in Major Depressive Disorder: An ENIGMA Consortium Analysis. <i>American Journal of Psychiatry</i> , 2019, 176, 1039-1049.	7.2	39

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19	Epigenome-wide meta-analysis of blood DNA methylation and its association with subcortical volumes: findings from the ENIGMA Epigenetics Working Group. <i>Molecular Psychiatry</i> , 2021, 26, 3884-3895.	7.9	34
20	Brain structural correlates of insomnia severity in 1053 individuals with major depressive disorder: results from the ENIGMA MDD Working Group. <i>Translational Psychiatry</i> , 2020, 10, 425.	4.8	31
21	Comparable rest-related promotion of spatial memory consolidation in younger and older adults. <i>Neurobiology of Aging</i> , 2016, 48, 143-152.	3.1	29
22	An automated machine learning approach to predict brain age from cortical anatomical measures. <i>Human Brain Mapping</i> , 2020, 41, 3555-3566.	3.6	29
23	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
24	Automated classification of depression from structural brain measures across two independent community-based cohorts. <i>Human Brain Mapping</i> , 2020, 41, 3922-3937.	3.6	27
25	Cohort profile for the STRatifying Resilience and Depression Longitudinally (STRADL) study: A depression-focused investigation of Generation Scotland, using detailed clinical, cognitive, and neuroimaging assessments. <i>Wellcome Open Research</i> , 2019, 4, 185.	1.8	27
26	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
27	Early life predictors of late life cerebral small vessel disease in four prospective cohort studies. <i>Brain</i> , 2021, 144, 3769-3778.	7.6	21
28	Blood-based epigenome-wide analyses of cognitive abilities. <i>Genome Biology</i> , 2022, 23, 26.	8.8	20
29	Early-life predictors of resilience and related outcomes up to 66 years later in the 6-day sample of the 1947 Scottish mental survey. <i>Social Psychiatry and Psychiatric Epidemiology</i> , 2016, 51, 659-668.	3.1	19
30	Grey and white matter associations of psychotic-like experiences in a general population sample (UK). <i>Trends in Psychiatry and Behavioral Sciences</i> , 2021, 16, 107-118.	4.8	18
31	Personality and Other Lifelong Influences on Older Age Health and Wellbeing: Preliminary Findings in Two Scottish Samples. <i>European Journal of Personality</i> , 2016, 30, 438-455.	3.1	17
32	Global and Regional Development of the Human Cerebral Cortex: Molecular Architecture and Occupational Aptitudes. <i>Cerebral Cortex</i> , 2020, 30, 4121-4139.	2.9	16
33	Associations among height, body mass index and intelligence from age 11 to age 78 years. <i>BMC Geriatrics</i> , 2016, 16, 167.	2.7	13
34	Stratifying major depressive disorder by polygenic risk for schizophrenia in relation to structural brain measures. <i>Psychological Medicine</i> , 2020, 50, 1653-1662.	4.5	13
35	Cognitive functioning and lifetime major depressive disorder in UK Biobank. <i>European Psychiatry</i> , 2020, 63, e28.	0.2	13
36	Hair glucocorticoids are associated with childhood adversity, depressive symptoms and reduced global and lobar grey matter in Generation Scotland. <i>Translational Psychiatry</i> , 2021, 11, 523.	4.8	13

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37	Cognitive ability across the life course and cortisol levels in older age. <i>Neurobiology of Aging</i> , 2017, 59, 64-71.	3.1	9
38	Fluctuating asymmetry in brain structure and general intelligence in 73-year-olds. <i>Intelligence</i> , 2020, 78, 101407.	3.0	9
39	Structural neuroimaging measures and lifetime depression across levels of phenotyping in UK biobank. <i>Translational Psychiatry</i> , 2022, 12, 157.	4.8	7
40	Stress in childhood, adolescence and early adulthood, and cortisol levels in older age. <i>Stress</i> , 2017, 20, 140-148.	1.8	5
41	Aberrant structural covariance networks in youth at high familial risk for mood disorder. <i>Bipolar Disorders</i> , 2020, 22, 155-162.	1.9	5
42	Spectral clustering based on structural magnetic resonance imaging and its relationship with major depressive disorder and cognitive ability. <i>European Journal of Neuroscience</i> , 2021, 54, 6281-6303.	2.6	5
43	Identification of plasma proteins relating to brain neurodegeneration and vascular pathology in cognitively normal individuals. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2021, 13, e12240.	2.4	4
44	Longitudinal trajectories of brain age in young individuals at familial risk of mood disorder. <i>Wellcome Open Research</i> , 2019, 4, 206.	1.8	3
45	Epigenome-wide association study of global cortical volumes in generation Scotland: Scottish family health study. <i>Epigenetics</i> , 2022, 17, 1143-1158.	2.7	3