

Sean Hatton

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

6,112
citations

147566

31
h-index

95083

68
g-index

79
all docs

79
docs citations

79
times ranked

9162
citing authors

#	ARTICLE	IF	CITATIONS
1	Greater male than female variability in regional brain structure across the lifespan. Human Brain Mapping, 2022, 43, 470-499.	1.9	76
2	The <sc>ENIGMAâ€Epilepsy</sc> working group: Mapping disease from large data sets. Human Brain Mapping, 2022, 43, 113-128.	1.9	47
3	Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3â€“90â€%years. Human Brain Mapping, 2022, 43, 431-451.	1.9	143
4	Subcortical volumes across the lifespan: Data from 18,605 healthy individuals aged 3â€“90â€%years. Human Brain Mapping, 2022, 43, 452-469.	1.9	72
5	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
6	Topographic divergence of atypical cortical asymmetry and atrophy patterns in temporal lobe epilepsy. Brain, 2022, 145, 1285-1298.	3.7	18
7	Associations between MRI-assessed locus coeruleus integrity and cortical gray matter microstructure. Cerebral Cortex, 2022, 32, 4191-4203.	1.6	9
8	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
9	Brain aging in major depressive disorder: results from the ENIGMA major depressive disorder working group. Molecular Psychiatry, 2021, 26, 5124-5139.	4.1	136
10	Brain structural abnormalities in obesity: relation to age, genetic risk, and common psychiatric disorders. Molecular Psychiatry, 2021, 26, 4839-4852.	4.1	76
11	Artificial intelligence for classification of temporal lobe epilepsy with ROI-level MRI data: A worldwide ENIGMA-Epilepsy study. NeuroImage: Clinical, 2021, 31, 102765.	1.4	25
12	White Matter Integrity According to the Stage of Mental Disorder in Youth. Psychiatry Research - Neuroimaging, 2021, 307, 111218.	0.9	3
13	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
14	Periventricular and deep abnormal white matter differ in associations with cognitive performance at midlife.. Neuropsychology, 2021, 35, 252-264.	1.0	3
15	Rates of Incidental Findings in Brain Magnetic Resonance Imaging in Children. JAMA Neurology, 2021, 78, 578.	4.5	28
16	Baseline brain function in the preadolescents of the ABCD Study. Nature Neuroscience, 2021, 24, 1176-1186.	7.1	48
17	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
18	Brain Correlates of Suicide Attempt in 18,925 Participants Across 18 International Cohorts. Biological Psychiatry, 2021, 90, 243-252.	0.7	29

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19	Lifestyle and the aging brain: interactive effects of modifiable lifestyle behaviors and cognitive ability in men from midlife to old age. <i>Neurobiology of Aging</i> , 2021, 108, 80-89.	1.5	11
20	Paradoxical cognitive trajectories in men from earlier to later adulthood. <i>Neurobiology of Aging</i> , 2021, 109, 229-238.	1.5	2
21	Interactive impact of childhood maltreatment, depression, and age on cortical brain structure: mega-analytic findings from a large multi-site cohort. <i>Psychological Medicine</i> , 2020, 50, 1020-1031.	2.7	59
22	Posttraumatic stress symptom persistence across 24 years: association with brain structures. <i>Brain Imaging and Behavior</i> , 2020, 14, 1208-1220.	1.1	10
23	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.	4.1	218
24	Nucleus accumbens cytoarchitecture predicts weight gain in children. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 26977-26984.	3.3	47
25	Network-based atrophy modeling in the common epilepsies: A worldwide ENIGMA study. <i>Science Advances</i> , 2020, 6, .	4.7	97
26	White matter abnormalities across different epilepsy syndromes in adults: an ENIGMA-Epilepsy study. <i>Brain</i> , 2020, 143, 2454-2473.	3.7	123
27	ENIGMA MDD: seven years of global neuroimaging studies of major depression through worldwide data sharing. <i>Translational Psychiatry</i> , 2020, 10, 172.	2.4	121
28	ENIGMA and global neuroscience: A decade of large-scale studies of the brain in health and disease across more than 40 countries. <i>Translational Psychiatry</i> , 2020, 10, 100.	2.4	365
29	Patterns of longitudinal cortical atrophy over 3 years in empirically derived MCI subtypes. <i>Neurology</i> , 2020, 94, e2532-e2544.	1.5	29
30	Preview of the Adolescent Brain Cognitive Development (ABCD) Study Release 3.0. <i>Biological Psychiatry</i> , 2020, 87, S110-S111.	0.7	2
31	No Alterations of Brain Structural Asymmetry in Major Depressive Disorder: An ENIGMA Consortium Analysis. <i>American Journal of Psychiatry</i> , 2019, 176, 1039-1049.	4.0	39
32	Resting State Abnormalities of the Default Mode Network in Mild Cognitive Impairment: A Systematic Review and Meta-Analysis. <i>Journal of Alzheimer's Disease</i> , 2019, 70, 107-120.	1.2	79
33	Body mass trajectories and cortical thickness in middle-aged men: a 42-year longitudinal study starting in young adulthood. <i>Neurobiology of Aging</i> , 2019, 79, 11-21.	1.5	25
34	A data-driven transdiagnostic analysis of white matter integrity in young adults with major psychiatric disorders. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 89, 73-83.	2.5	12
35	Predominantly global genetic influences on individual white matter tract microstructure. <i>NeuroImage</i> , 2019, 184, 871-880.	2.1	18
36	Use of an Alzheimer's disease polygenic risk score to identify mild cognitive impairment in adults in their 50s. <i>Molecular Psychiatry</i> , 2019, 24, 421-430.	4.1	93

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37	Alcohol intake and brain white matter in middle aged men: Microscopic and macroscopic differences. <i>NeuroImage: Clinical</i> , 2018, 18, 390-398.	1.4	30
38	Genetic relatedness of axial and radial diffusivity indices of cerebral white matter microstructure in late middle age. <i>Human Brain Mapping</i> , 2018, 39, 2235-2245.	1.9	12
39	Negative fateful life events in midlife and advanced predicted brain aging. <i>Neurobiology of Aging</i> , 2018, 67, 1-9.	1.5	37
40	In vivo imaging of oxidative stress and fronto-limbic white matter integrity in young adults with mood disorders. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2018, 268, 145-156.	1.8	30
41	Widespread white matter microstructural differences in schizophrenia across 4322 individuals: results from the ENIGMA Schizophrenia DTI Working Group. <i>Molecular Psychiatry</i> , 2018, 23, 1261-1269.	4.1	522
42	Subcortical volumetric differences between clinical stages of young people with affective and psychotic disorders. <i>Psychiatry Research - Neuroimaging</i> , 2018, 271, 8-16.	0.9	19
43	Mediators of the Effect of Childhood Socioeconomic Status on Late Midlife Cognitive Abilities: A Four Decade Longitudinal Study. <i>Innovation in Aging</i> , 2018, 2, .	0.0	23
44	Underdiagnosis of mild cognitive impairment: A consequence of ignoring practice effects. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2018, 10, 372-381.	1.2	54
45	Cortical abnormalities in adults and adolescents with major depression based on brain scans from 20 cohorts worldwide in the ENIGMA Major Depressive Disorder Working Group. <i>Molecular Psychiatry</i> , 2017, 22, 900-909.	4.1	852
46	Utility of the cumulative stress and mismatch hypotheses in understanding the neurobiological impacts of childhood abuse and recent stress in youth with emerging mental disorder. <i>Human Brain Mapping</i> , 2017, 38, 2709-2721.	1.9	16
47	Subcortical brain structure and suicidal behaviour in major depressive disorder: a meta-analysis from the ENIGMA-MDD working group. <i>Translational Psychiatry</i> , 2017, 7, e1116-e1116.	2.4	98
48	Brain responses to mechanical rectal stimulation in patients with faecal incontinence: an <sc>fMRI</sc> study. <i>Colorectal Disease</i> , 2017, 19, 917-926.	0.7	4
49	Hippocampal development in youth with a history of childhood maltreatment. <i>Journal of Psychiatric Research</i> , 2017, 91, 149-155.	1.5	15
50	Childhood adversity impacts on brain subcortical structures relevant to depression. <i>Journal of Psychiatric Research</i> , 2017, 86, 58-65.	1.5	81
51	Heritability of white matter microstructure in late middle age: A twin study of tract-based fractional anisotropy and absolute diffusivity indices. <i>Human Brain Mapping</i> , 2017, 38, 2026-2036.	1.9	44
52	Pineal volume and evening melatonin in young people with affective disorders. <i>Brain Imaging and Behavior</i> , 2017, 11, 1741-1750.	1.1	24
53	Regulation of fear extinction by long-term depression: The roles of endocannabinoids and brain derived neurotrophic factor. <i>Behavioural Brain Research</i> , 2017, 319, 148-164.	1.2	23
54	Behavior, neuropsychology and fMRI. <i>Progress in Neurobiology</i> , 2016, 145-146, 1-25.	2.8	3

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55	Automated brain volumetrics in multiple sclerosis: a step closer to clinical application. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, 754-757.	0.9	47
56	Response to Dr Fried & Dr Kievit, and Dr Malhi et al.. <i>Molecular Psychiatry</i> , 2016, 21, 726-728.	4.1	5
57	Stress, trauma and PTSD: translational insights into the core synaptic circuitry and its modulation. <i>Brain Structure and Function</i> , 2016, 221, 2401-2426.	1.2	28
58	Subcortical brain alterations in major depressive disorder: findings from the ENIGMA Major Depressive Disorder working group. <i>Molecular Psychiatry</i> , 2016, 21, 806-812.	4.1	850
59	Axonal conduction in multiple sclerosis: A combined magnetic resonance imaging and electrophysiological study of the medial longitudinal fasciculus. <i>Multiple Sclerosis Journal</i> , 2015, 21, 905-915.	1.4	12
60	Short Association Fibres of the Insula-Temporoparietal Junction in Early Psychosis: A Diffusion Tensor Imaging Study. <i>PLoS ONE</i> , 2014, 9, e112842.	1.1	7
61	White matter tractography in early psychosis: clinical and neurocognitive associations. <i>Journal of Psychiatry and Neuroscience</i> , 2014, 39, 417-427.	1.4	33
62	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. <i>Brain Imaging and Behavior</i> , 2014, 8, 153-182.	1.1	696
63	66.. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 2053-2054.	0.8	0
64	Microstructural White Matter Changes in the Corpus Callosum of Young People with Bipolar Disorder: A Diffusion Tensor Imaging Study. <i>PLoS ONE</i> , 2013, 8, e59108.	1.1	58
65	Cortical thinning in young psychosis and bipolar patients correlate with common neurocognitive deficits. <i>International Journal of Bipolar Disorders</i> , 2013, 1, 3.	0.8	32
66	Stress-Induced Grey Matter Loss Determined by MRI Is Primarily Due to Loss of Dendrites and Their Synapses. <i>Molecular Neurobiology</i> , 2013, 47, 645-661.	1.9	170
67	Microstructural white matter changes are correlated with the stage of psychiatric illness. <i>Translational Psychiatry</i> , 2013, 3, e248-e248.	2.4	42
68	Correlating anterior insula gray matter volume changes in young people with clinical and neurocognitive outcomes: an MRI study. <i>BMC Psychiatry</i> , 2012, 12, 45.	1.1	54