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List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

2,855
citations

304743

22
h-index

243625

44
g-index

92
all docs

92
docs citations

92
times ranked

4188
citing authors

#	ARTICLE	IF	CITATIONS
1	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020, 367, .	12.6	450
2	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.	4.8	365
3	Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3â€“90â€™years. <i>Human Brain Mapping</i> , 2022, 43, 431-451.	3.6	143
4	Brain aging in major depressive disorder: results from the ENIGMA major depressive disorder working group. <i>Molecular Psychiatry</i> , 2021, 26, 5124-5139.	7.9	136
5	Virtual Histology of Cortical Thickness and Shared Neurobiology in 6 Psychiatric Disorders. <i>JAMA Psychiatry</i> , 2021, 78, 47.	11.0	136
6	ENIGMA MDD: seven years of global neuroimaging studies of major depression through worldwide data sharing. <i>Translational Psychiatry</i> , 2020, 10, 172.	4.8	121
7	The ENIGMA Toolbox: multiscale neural contextualization of multisite neuroimaging datasets. <i>Nature Methods</i> , 2021, 18, 698-700.	19.0	95
8	Mapping brain asymmetry in health and disease through the <sc>ENIGMA</sc> consortium. <i>Human Brain Mapping</i> , 2022, 43, 167-181.	3.6	89
9	Diffusion MRI Indices and Their Relation to Cognitive Impairment in Brain Aging: The Updated Multi-protocol Approach in ADNI3. <i>Frontiers in Neuroinformatics</i> , 2019, 13, 2.	2.5	79
10	Greater male than female variability in regional brain structure across the lifespan. <i>Human Brain Mapping</i> , 2022, 43, 470-499.	3.6	76
11	Genetic variants associated with longitudinal changes in brain structure across the lifespan. <i>Nature Neuroscience</i> , 2022, 25, 421-432.	14.8	75
12	Subcortical volumes across the lifespan: Data from 18,605 healthy individuals aged 3â€“90â€™years. <i>Human Brain Mapping</i> , 2022, 43, 452-469.	3.6	72
13	What we learn about bipolar disorder from largeâ€™scale neuroimaging: Findings and future directions from the <sc>ENIGMA</sc> Bipolar Disorder Working Group. <i>Human Brain Mapping</i> , 2022, 43, 56-82.	3.6	67
14	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
15	Cortical volume abnormalities in posttraumatic stress disorder: an ENIGMA-psychiatric genomics consortium PTSD workgroup mega-analysis. <i>Molecular Psychiatry</i> , 2021, 26, 4331-4343.	7.9	52
16	An overview of the first 5â€™years of the ENIGMA obsessiveâ€™compulsive disorder working group: The power of worldwide collaboration. <i>Human Brain Mapping</i> , 2022, 43, 23-36.	3.6	51
17	<sc>Megaâ€™analysis</sc> methods in <sc>ENIGMA</sc>: The experience of the generalized anxiety disorder working group. <i>Human Brain Mapping</i> , 2022, 43, 255-277.	3.6	51
18	The <sc>ENIGMAâ€™Epilepsy</sc> working group: Mapping disease from large data sets. <i>Human Brain Mapping</i> , 2022, 43, 113-128.	3.6	47

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19	In vivo hippocampal subfield volumes in bipolar disorder—A mega-analysis from The Enhancing Neuroimaging Genetics through Meta-Analysis Bipolar Disorder Working Group. Human Brain Mapping, 2022, 43, 385-398.	3.6	41
20	Brain Structure in Acutely Underweight and Partially Weight-Restored Individuals With Anorexia Nervosa: A Coordinated Analysis by the ENIGMA Eating Disorders Working Group. Biological Psychiatry, 2022, 92, 730-738.	1.3	37
21	ENIGMA-anxiety working group: Rationale for and organization of large-scale neuroimaging studies of anxiety disorders. Human Brain Mapping, 2022, 43, 83-112.	3.6	31
22	Effects of copy number variations on brain structure and risk for psychiatric illness: Large-scale studies from the ENIGMA working groups on CNVs. Human Brain Mapping, 2022, 43, 300-328.	3.6	30
23	Longitudinal Structural Brain Changes in Bipolar Disorder: A Multicenter Neuroimaging Study of 1232 Individuals by the ENIGMA Bipolar Disorder Working Group. Biological Psychiatry, 2022, 91, 582-592.	1.3	29
24	Intracranial and subcortical volumes in adolescents with early-onset psychosis: A multisite mega-analysis from the ENIGMA consortium. Human Brain Mapping, 2022, 43, 373-384.	3.6	27
25	Brain Structure and Degeneration Staging in Friedreich Ataxia: Magnetic Resonance Imaging Volumetrics from the ENIGMA-Ataxia Working Group. Annals of Neurology, 2021, 90, 570-583.	5.3	27
26	Cross disorder comparisons of brain structure in schizophrenia, bipolar disorder, major depressive disorder, and 22q11.2 deletion syndrome: A review of ENIGMA findings. Psychiatry and Clinical Neurosciences, 2022, 76, 140-161.	1.8	27
27	Artificial intelligence for classification of temporal lobe epilepsy with ROI-level MRI data: A worldwide ENIGMA-Epilepsy study. NeuroImage: Clinical, 2021, 31, 102765.	2.7	25
28	Sex is a defining feature of neuroimaging phenotypes in major brain disorders. Human Brain Mapping, 2022, 43, 500-542.	3.6	25
29	Cortical and subcortical brain structure in generalized anxiety disorder: findings from 28 research sites in the ENIGMA-Anxiety Working Group. Translational Psychiatry, 2021, 11, 502.	4.8	24
30	FiberNET: An Ensemble Deep Learning Framework for Clustering White Matter Fibers. Lecture Notes in Computer Science, 2017, , 548-555.	1.3	24
31	FIBERNET 2.0: An automatic neural network based tool for clustering white matter fibers in the brain. , 2018, , .		19
32	Ten years of enhancing neuroimaging genetics through meta-analysis: An overview from the ENIGMA Genetics Working Group. Human Brain Mapping, 2022, 43, 292-299.	3.6	19
33	The Enhancing Neuroimaging Genetics through Meta-Analysis Consortium: 10 Years of Global Collaborations in Human Brain Mapping. Human Brain Mapping, 2022, 43, 15-22.	3.6	19
34	Intelligence, educational attainment, and brain structure in those at familial high-risk for schizophrenia or bipolar disorder. Human Brain Mapping, 2022, 43, 414-430.	3.6	14
35	Altered Cortical Brain Structure and Increased Risk for Disease Seen Decades After Perinatal Exposure to Maternal Smoking: A Study of 9000 Adults in the UK Biobank. Cerebral Cortex, 2019, 29, 5217-5233.	2.9	11
36	Virtual Ontogeny of Cortical Growth Preceding Mental Illness. Biological Psychiatry, 2022, 92, 299-313.	1.3	11

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37	Event-based modeling in temporal lobe epilepsy demonstrates progressive atrophy from cross-sectional data. <i>Epilepsia</i> , 2022, 63, 2081-2095.	5.1	11
38	Comparison of regional brain deficit patterns in common psychiatric and neurological disorders as revealed by big data. <i>NeuroImage: Clinical</i> , 2021, 29, 102574.	2.7	9
39	Challenges and opportunities for neuroimaging in young patients with traumatic brain injury: a coordinated effort towards advancing discovery from the ENIGMA pediatric moderate/severe TBI group. <i>Brain Imaging and Behavior</i> , 2021, 15, 555-575.	2.1	8
40	Diffusion MRI metrics and their relation to dementia severity: effects of harmonization approaches. , 2021, , .		6
41	ENIGMA+COINSTAC: Improving Findability, Accessibility, Interoperability, and Re-usability. <i>Neuroinformatics</i> , 2022, 20, 261-275.	2.8	5
42	Alzheimer's disease classification accuracy is Improved by MRI harmonization based on attention-guided generative adversarial networks. , 2021, 12088, .		5
43	Diagnosis of bipolar disorders and body mass index predict clustering based on similarities in cortical thickness ENIGMA study in 2436 individuals. <i>Bipolar Disorders</i> , 2022, 24, 509-520.	1.9	5
44	Ranking diffusion tensor measures of brain aging and Alzheimer's disease. , 2018, , .		4
45	Multi-Shell Diffusion MRI Measures of Brain Aging: A Preliminary Comparison From ADNI3. , 2019, , .		3
46	Evaluating NODDI-based biomarkers of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020, 16, e042297. 0.8	0.8	3
47	Remodeling of the Cortical Structural Connectome in Posttraumatic Stress Disorder: Results From the ENIGMA-PGC Posttraumatic Stress Disorder Consortium. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2022, 7, 935-948.	1.5	2
48	The relationship between APOE genotype and subcortical volume: A UK Biobank study (N=36,920). <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	2
49	Hippocampal subfield microstructure abnormalities mediate associations between tau burden and memory performance. <i>Alzheimer's and Dementia</i> , 2020, 16, e039622.	0.8	1
50	Diffusion MRI metrics of brain microstructure in Alzheimer's disease: Boosting disease sensitivity with multi-shell imaging and advanced pre-processing. <i>Alzheimer's and Dementia</i> , 2020, 16, e046654.	0.8	1
51	Comparison of deep learning methods for brain age prediction. <i>Alzheimer's and Dementia</i> , 2020, 16, e046763.	0.8	1
52	Region Specific Automatic Quality Assurance For MRI-Derived Cortical Segmentations. , 2021, 2021, 1288-1291.		1
53	Cortical microstructural associations with CSF amyloid and tau. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	1
54	Predicting Progression from Mild Cognitive Impairment to Alzheimer's Disease using MRI-based Cortical Features and a Two-State Markov Model. , 2021, 2021, 1145-1149.		0

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55	Sex-dependent age trajectories of subcortical brain volume: A UK Biobank study (N=39,544). <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	0
56	Subcortical brain trajectories in later life between sexes and APOE genotypes: A UK Biobank study of individuals of self-identified Indian ancestry. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	0