

Paul M Thompson

List of Publications by Year in descending order

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Version: 2024-02-01

1,423
papers

116,544
citations

151

156
h-index

381

280
g-index

1591
all docs

1591
docs citations

1591
times ranked

64994
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.9	41
2	Intelligence, educational attainment, and brain structure in those at familial high-risk for schizophrenia or bipolar disorder. Human Brain Mapping, 2022, 43, 414-430.	1.9	14
3	Greater male than female variability in regional brain structure across the lifespan. Human Brain Mapping, 2022, 43, 470-499.	1.9	76
4	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.	1.9	27
5	ENIGMA anxiety working group: Rationale for and organization of large-scale neuroimaging studies of anxiety disorders. Human Brain Mapping, 2022, 43, 83-112.	1.9	31
6	Testing a convolutional neural network-based hippocampal segmentation method in a stroke population. Human Brain Mapping, 2022, 43, 234-243.	1.9	13
7	What we learn about bipolar disorder from large-scale neuroimaging: Findings and future directions from the ENIGMA Bipolar Disorder Working Group. Human Brain Mapping, 2022, 43, 56-82.	1.9	67
8	Predicting alcohol dependence from multi-site brain structural measures. Human Brain Mapping, 2022, 43, 555-565.	1.9	11
9	Common and gender-specific associations with cocaine use on gray matter volume: Data from the ENIGMA addiction working group. Human Brain Mapping, 2022, 43, 543-554.	1.9	13
10	Ten years of enhancing neuroimaging genetics through meta-analysis: An overview from the ENIGMA Genetics Working Group. Human Brain Mapping, 2022, 43, 292-299.	1.9	19
11	Consortium neuroscience of attention deficit/hyperactivity disorder and autism spectrum disorder: The ENIGMA adventure. Human Brain Mapping, 2022, 43, 37-55.	1.9	61
12	Mapping brain asymmetry in health and disease through the ENIGMA consortium. Human Brain Mapping, 2022, 43, 167-181.	1.9	89
13	ENIGMA brain injury: Framework, challenges, and opportunities. Human Brain Mapping, 2022, 43, 149-166.	1.9	33
14	The ENIGMA Epilepsy working group: Mapping disease from large data sets. Human Brain Mapping, 2022, 43, 113-128.	1.9	47
15	Translating ENIGMA schizophrenia findings using the regional vulnerability index: Association with cognition, symptoms, and disease trajectory. Human Brain Mapping, 2022, 43, 566-575.	1.9	25
16	An overview of the first 5 years of the ENIGMA obsessive-compulsive disorder working group: The power of worldwide collaboration. Human Brain Mapping, 2022, 43, 23-36.	1.9	51
17	Subcortical shape alterations in major depressive disorder: Findings from the ENIGMA major depressive disorder working group. Human Brain Mapping, 2022, 43, 341-351.	1.9	64
18	How do substance use disorders compare to other psychiatric conditions on structural brain abnormalities? A cross-disorder meta-analytic comparison using the ENIGMA consortium findings. Human Brain Mapping, 2022, 43, 399-413.	1.9	28

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19	<sc>Megaâ€analysis</sc> methods in <sc>ENIGMA</sc>: The experience of the generalized anxiety disorder working group. Human Brain Mapping, 2022, 43, 255-277.	1.9	51
20	ENIGMAâ€DTI: Translating reproducible white matter deficits into personalized vulnerability metrics in crossâ€diagnostic psychiatric research. Human Brain Mapping, 2022, 43, 194-206.	1.9	52
21	The <sc>ENIGMA</sc> Stroke Recovery Working Group: Big data neuroimaging to study brainâ€behavior relationships after stroke. Human Brain Mapping, 2022, 43, 129-148.	1.9	54
22	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
23	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
24	Effects of copy number variations on brain structure and risk for psychiatric illness: Largeâ€scale studies from the <sc>ENIGMA</sc> working groups on <sc>CNVs</sc>. Human Brain Mapping, 2022, 43, 300-328.	1.9	30
25	Sex is a defining feature of neuroimaging phenotypes in major brain disorders. Human Brain Mapping, 2022, 43, 500-542.	1.9	25
26	Shared Genetic Etiology between Cortical Brain Morphology and Tobacco, Alcohol, and Cannabis Use. Cerebral Cortex, 2022, 32, 796-807.	1.6	9
27	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.	0.7	29
28	A <sc>metaâ€analysis</sc> of deep brain structural shape and asymmetry abnormalities in 2,833 individuals with schizophrenia compared with 3,929 healthy volunteers via the <sc>ENIGMA Consortium</sc>. Human Brain Mapping, 2022, 43, 352-372.	1.9	39
29	A systemsâ€level analysis highlights microglial activation as a modifying factor in common epilepsies. Neuropathology and Applied Neurobiology, 2022, 48, .	1.8	22
30	<sc>FreeSurfer</sc>-based segmentation of hippocampal subfields: A review of methods and applications, with a novel quality control procedure for <sc>ENIGMA</sc> studies and other collaborative efforts. Human Brain Mapping, 2022, 43, 207-233.	1.9	57
31	The Enhancing <sc>NeuroImaging</sc> Genetics through Metaâ€Analysis Consortium: 10â€Years of Global Collaborations in Human Brain Mapping. Human Brain Mapping, 2022, 43, 15-22.	1.9	19
32	Cortical and subcortical neuroanatomical signatures of schizotypy in 3004 individuals assessed in a worldwide ENIGMA study. Molecular Psychiatry, 2022, 27, 1167-1176.	4.1	22
33	Topographic divergence of atypical cortical asymmetry and atrophy patterns in temporal lobe epilepsy. Brain, 2022, 145, 1285-1298.	3.7	18
34	White matter microstructure differences in individuals with dependence on cocaine, methamphetamine, and nicotine: Findings from the ENIGMA-Addiction working group. Drug and Alcohol Dependence, 2022, 230, 109185.	1.6	12
35	ENIGMAâ€+â€COINSTAC: Improving Findability, Accessibility, Interoperability, and Re-usability. Neuroinformatics, 2022, 20, 261-275.	1.5	5
36	Fetal programming of human energy homeostasis brain networks: Issues and considerations. Obesity Reviews, 2022, 23, e13392.	3.1	7

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37	Integrating Transcriptomics, Genomics, and Imaging in Alzheimer's Disease: A Federated Model. <i>Frontiers in Radiology</i> , 2022, 1, .	1.2	1
38	Is Neuroscience FAIR? A Call for Collaborative Standardisation of Neuroscience Data. <i>Neuroinformatics</i> , 2022, 20, 507-512.	1.5	23
39	The additive impact of <sc>cardioâ€metabolic</sc> disorders and psychiatric illnesses on accelerated brain aging. <i>Human Brain Mapping</i> , 2022, 43, 1997-2010.	1.9	8
40	Subtly altered topological asymmetry of brain structural covariance networks in autism spectrum disorder across 43 datasets from the ENIGMA consortium. <i>Molecular Psychiatry</i> , 2022, 27, 2114-2125.	4.1	25
41	Cross disorder comparisons of brain structure in schizophrenia, bipolar disorder, major depressive disorder, and 22q11.2 deletion syndrome: A review of <sc>ENIGMA</sc> findings. <i>Psychiatry and Clinical Neurosciences</i> , 2022, 76, 140-161.	1.0	27
42	Identifying imaging genetic associations via regional morphometricity estimation. <i>Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing</i> , 2022, 27, 97-108.	0.7	0
43	Identifying highly heritable brain amyloid phenotypes through mining Alzheimer's imaging and sequencing biobank data. <i>Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing</i> , 2022, 27, 109-120.	0.7	0
44	Effects of ApoE4 and ApoE2 genotypes on subcortical magnetic susceptibility and microstructure in 27,535 participants from the UK Biobank. <i>Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing</i> , 2022, 27, 121-132.	0.7	0
45	Separating Clinical and Subclinical Depression by Big Data Informed Structural Vulnerability Index and Its impact on Cognition: ENIGMA Dot Product. <i>Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing</i> , 2022, 27, 133-143.	0.7	0
46	Brain structural covariance network differences in adults with alcohol dependence and heavyâ€drinking adolescents. <i>Addiction</i> , 2022, 117, 1312-1325.	1.7	4
47	Structural brain splitting is a hallmark of Granulin-related frontotemporal dementia. <i>Neurobiology of Aging</i> , 2022, , .	1.5	1
48	The thalamus and its subnucleiâ€a gateway to obsessive-compulsive disorder. <i>Translational Psychiatry</i> , 2022, 12, 70.	2.4	19
49	Virtual Ontogeny of Cortical Growth Preceding Mental Illness. <i>Biological Psychiatry</i> , 2022, 92, 299-313.	0.7	11
50	<sc>ENIGMA HALFpipe</sc>: Interactive, reproducible, and efficient analysis for restingâ€state and taskâ€based <sc>fMRI</sc> data. <i>Human Brain Mapping</i> , 2022, 43, 2727-2742.	1.9	23
51	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.	1.1	2
52	<sc>Ageâ€dependent</sc> white matter disruptions after military traumatic brain injury: Multivariate analysis results from <sc>ENIGMA</sc> brain injury. <i>Human Brain Mapping</i> , 2022, 43, 2653-2667.	1.9	6
53	Dynamic changes in brain lateralization correlate with human cognitive performance. <i>PLoS Biology</i> , 2022, 20, e3001560.	2.6	19
54	Rapid separation of americium from complex matrices using solvent impregnated triazine extraction chromatography resins. <i>Journal of Chromatography A</i> , 2022, 1669, 462950.	1.8	3

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55	Genetic variants associated with longitudinal changes in brain structure across the lifespan. <i>Nature Neuroscience</i> , 2022, 25, 421-432.	7.1	75
56	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.	1.1	5
57	Assessment of brain age in posttraumatic stress disorder: Findings from the ENIGMA PTSD and brain age working groups. <i>Brain and Behavior</i> , 2022, 12, e2413.	1.0	25
58	Investigating the Effect of Tau Deposition and Apoe on Hippocampal Morphometry in Alzheimer’s Disease: A Federated Chow Test Model. , 2022, , .		1
59	Hierarchical Brain Embedding Using Explainable Graph Learning. , 2022, , .		6
60	Semi-Synchronous Federated Learning for Energy-Efficient Training and Accelerated Convergence in Cross-Silo Settings. <i>ACM Transactions on Intelligent Systems and Technology</i> , 2022, 13, 1-29.	2.9	10
61	SCN1A overexpression, associated with a genomic region marked by a risk variant for a common epilepsy, raises seizure susceptibility. <i>Acta Neuropathologica</i> , 2022, 144, 107-127.	3.9	3
62	Chronic Stroke Sensorimotor Impairment Is Related to Smaller Hippocampal Volumes: An ENIGMA Analysis. <i>Journal of the American Heart Association</i> , 2022, 11, e025109.	1.6	8
63	Reply to: “Parkinson’s Disease, Premature Mortality, and Amygdala Movement Disorders, 2022, 37, 1111-1112.	2.2	0
64	Brain Structure in Acutely Underweight and Partially Weight-Restored Individuals With Anorexia Nervosa: A Coordinated Analysis by the ENIGMA Eating Disorders Working Group. <i>Biological Psychiatry</i> , 2022, 92, 730-738.	0.7	37
65	Event-based modeling in temporal lobe epilepsy demonstrates progressive atrophy from cross-sectional data. <i>Epilepsia</i> , 2022, 63, 2081-2095.	2.6	11
66	The role of educational attainment and brain morphology in major depressive disorder: Findings from the ENIGMA major depressive disorder consortium.. , 2022, 131, 664-673.		2
67	Obesity and brain structure in schizophrenia — ENIGMA study in 3021 individuals. <i>Molecular Psychiatry</i> , 2022, 27, 3731-3737.	4.1	17
68	Structural Brain Correlates of Childhood Inhibited Temperament: An ENIGMA-Anxiety Mega-analysis. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2022, 61, 1182-1188.	0.3	2
69	Maternal free fatty acid concentration during pregnancy is associated with newborn hypothalamic microstructure in humans. <i>Obesity</i> , 2022, 30, 1462-1471.	1.5	9
70	Altered white matter microstructural organization in posttraumatic stress disorder across 3047 adults: results from the PGC-ENIGMA PTSD consortium. <i>Molecular Psychiatry</i> , 2021, 26, 4315-4330.	4.1	69
71	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.	4.1	34
72	Cortical volume abnormalities in posttraumatic stress disorder: an ENIGMA-psychiatric genomics consortium PTSD workgroup mega-analysis. <i>Molecular Psychiatry</i> , 2021, 26, 4331-4343.	4.1	52

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73	Brain aging in major depressive disorder: results from the ENIGMA major depressive disorder working group. <i>Molecular Psychiatry</i> , 2021, 26, 5124-5139.	4.1	136
74	Brain structural abnormalities in obesity: relation to age, genetic risk, and common psychiatric disorders. <i>Molecular Psychiatry</i> , 2021, 26, 4839-4852.	4.1	76
75	The ENIGMA sports injury working group: "an international collaboration to further our understanding of sport-related brain injury. <i>Brain Imaging and Behavior</i> , 2021, 15, 576-584.	1.1	8
76	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.	1.1	8
77	A White Matter Connection of Schizophrenia and Alzheimer's Disease. <i>Schizophrenia Bulletin</i> , 2021, 47, 197-206.	2.3	35
78	Estrogen, brain structure, and cognition in postmenopausal women. <i>Human Brain Mapping</i> , 2021, 42, 24-35.	1.9	27
79	Atlas55+: Brain Functional Atlas of Resting-State Networks for Late Adulthood. <i>Cerebral Cortex</i> , 2021, 31, 1719-1731.	1.6	21
80	Brain functional network integrity sustains cognitive function despite atrophy in presymptomatic genetic frontotemporal dementia. <i>Alzheimer's and Dementia</i> , 2021, 17, 500-514.	0.4	36
81	The Evolutionary History of Common Genetic Variants Influencing Human Cortical Surface Area. <i>Cerebral Cortex</i> , 2021, 31, 1873-1887.	1.6	21
82	The clinical utility of proton magnetic resonance spectroscopy in traumatic brain injury: recommendations from the ENIGMA MRS working group. <i>Brain Imaging and Behavior</i> , 2021, 15, 504-525.	1.1	32
83	Toward a global and reproducible science for brain imaging in neurotrauma: the ENIGMA adult moderate/severe traumatic brain injury working group. <i>Brain Imaging and Behavior</i> , 2021, 15, 526-554.	1.1	16
84	Neuroimaging Advances in Diagnosis and Differentiation of HIV, Comorbidities, and Aging in the cART Era. <i>Current Topics in Behavioral Neurosciences</i> , 2021, 50, 105-143.	0.8	2
85	Artificial intelligence for classification of temporal lobe epilepsy with ROI-level MRI data: A worldwide ENIGMA-Epilepsy study. <i>NeuroImage: Clinical</i> , 2021, 31, 102765.	1.4	25
86	Comparison of regional brain deficit patterns in common psychiatric and neurological disorders as revealed by big data. <i>NeuroImage: Clinical</i> , 2021, 29, 102574.	1.4	9
87	Gender-related neuroanatomical differences in alcohol dependence: findings from the ENIGMA Addiction Working Group. <i>NeuroImage: Clinical</i> , 2021, 30, 102636.	1.4	17
88	Coordinating Global Multi-Site Studies of Military-Relevant Traumatic Brain Injury: Opportunities, Challenges, and Harmonization Guidelines. <i>Brain Imaging and Behavior</i> , 2021, 15, 585-613.	1.1	9
89	Prioritizing Genetic Contributors to Cortical Alterations in 22q11.2 Deletion Syndrome Using Imaging Transcriptomics. <i>Cerebral Cortex</i> , 2021, 31, 3285-3298.	1.6	10
90	Characterizing neuroanatomic heterogeneity in people with and without ADHD based on subcortical brain volumes. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2021, 62, 1140-1149.	3.1	14

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91	Overlap in genetic risk for cross-disorder vulnerability to mental disorders and genetic risk for altered subcortical brain volumes. <i>Journal of Affective Disorders</i> , 2021, 282, 740-756.	2.0	6
92	1q21.1 distal copy number variants are associated with cerebral and cognitive alterations in humans. <i>Translational Psychiatry</i> , 2021, 11, 182.	2.4	24
93	Dissecting autism and schizophrenia through neuroimaging genomics. <i>Brain</i> , 2021, 144, 1943-1957.	3.7	37
94	The role of maternal BMI on brain food cue reactivity in children: a preliminary study. <i>Brain Imaging and Behavior</i> , 2021, 15, 2746-2755.	1.1	5
95	Analysis of structural brain asymmetries in attention-deficit/hyperactivity disorder in 39 datasets. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2021, 62, 1202-1219.	3.1	40
96	Sex differences in the neuroanatomy of alcohol dependence: hippocampus and amygdala subregions in a sample of 966 people from the ENIGMA Addiction Working Group. <i>Translational Psychiatry</i> , 2021, 11, 156.	2.4	30
97	White matter microstructure and its relation to clinical features of obsessive-compulsive disorder: findings from the ENIGMA OCD Working Group. <i>Translational Psychiatry</i> , 2021, 11, 173.	2.4	33
98	Age-Related Heterochronicity Of Brain Morphometry May Bias Voxelwise Findings. , 2021, , .		1
99	Scaling Neuroscience Research Using Federated Learning. , 2021, , .		10
100	Region Specific Automatic Quality Assurance For MRI-Derived Cortical Segmentations. , 2021, 2021, 1288-1291.		1
101	Associations Between Exposure to Gestational Diabetes Mellitus In Utero and Daily Energy Intake, Brain Responses to Food Cues, and Adiposity in Children. <i>Diabetes Care</i> , 2021, 44, 1185-1193.	4.3	12
102	Improved Brain Age Estimation With Slice-Based Set Networks. , 2021, , .		23
103	Longitudinal Associations of Blood Phosphorylated Tau181 and Neurofilament Light Chain With Neurodegeneration in Alzheimer Disease. <i>JAMA Neurology</i> , 2021, 78, 396.	4.5	146
104	Association between body mass index and subcortical brain volumes in bipolar disorders-ENIGMA study in 2735 individuals. <i>Molecular Psychiatry</i> , 2021, 26, 6806-6819.	4.1	24
105	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
106	Impact of Aging and Sex on Advanced Diffusion-Weighted MRI Measures of White Matter Microstructure. <i>Biological Psychiatry</i> , 2021, 89, S184-S185.	0.7	0
107	Sex and dependence related neuroanatomical differences in regular cannabis users: findings from the ENIGMA Addiction Working Group. <i>Translational Psychiatry</i> , 2021, 11, 272.	2.4	14
108	White Matter Microstructure in ADHD: Evidence From 2500 Individuals From the Enigma-ADHD Collaboration. <i>Biological Psychiatry</i> , 2021, 89, S22-S23.	0.7	0

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109	Sensitivity of NODDI Microstructural Measures to the Effects of Age With and Without White Matter Skeletonization. <i>Biological Psychiatry</i> , 2021, 89, S278.	0.7	1
110	Brain Network Architecture Intricately Linked to Morphological Abnormalities in Major Psychiatric Disorders. <i>Biological Psychiatry</i> , 2021, 89, S229-S230.	0.7	0
111	The General Impact of Haploinsufficiency on Brain Connectivity Underlies the Pleiotropic Effect of Neuropsychiatric CNVs. <i>Biological Psychiatry</i> , 2021, 89, S40.	0.7	0
112	White Matter Diffusion MRI Findings in Carriers of 16p11.2 Copy Number Variants. <i>Biological Psychiatry</i> , 2021, 89, S40.	0.7	1
113	Brain Structural Differences in the Salience-Sensorimotor Networks of People Reporting Chronic Pain in the UK Biobank. <i>Biological Psychiatry</i> , 2021, 89, S86-S87.	0.7	0
114	Cortical and Subcortical Neuroanatomical Signatures of Schizotypy in 2,952 Individuals Assessed in a Worldwide ENIGMA Study. <i>Biological Psychiatry</i> , 2021, 89, S182.	0.7	0
115	Deep Brain Structure Volume and Cortical Thickness Associations With Negative Symptom Domains in Schizophrenia. <i>Biological Psychiatry</i> , 2021, 89, S272-S273.	0.7	0
116	Predicting future cognitive decline with hyperbolic stochastic coding. <i>Medical Image Analysis</i> , 2021, 70, 102009.	7.0	2
117	ENIGMA-Vis: A Web Portal to Browse, Navigate & Visualize Brain Genome-Wide Association Studies (GWAS). <i>Biological Psychiatry</i> , 2021, 89, S136.	0.7	1
118	White Matter Disruption in Pediatric Traumatic Brain Injury. <i>Neurology</i> , 2021, 97, .	1.5	14
119	Leveraging Spatial Transcriptomics to Identify Drivers of Cortical Alterations in 22q11.2 Deletion Syndrome. <i>Biological Psychiatry</i> , 2021, 89, S39.	0.7	0
120	ENIGMA-CNV and Other Initiatives to Understand the Impact of Rare Copy Number Variants on Brain Structure and Other Measures. <i>Biological Psychiatry</i> , 2021, 89, S41.	0.7	0
121	Large-Scale Replication of Bipolar Disorder Dysconnectivity: A Diffusion MRI Analysis of 959 Individuals From the ENIGMA Bipolar Disorder Working Group. <i>Biological Psychiatry</i> , 2021, 89, S185-S186.	0.7	5
122	The ENIGMA Toolbox: multiscale neural contextualization of multisite neuroimaging datasets. <i>Nature Methods</i> , 2021, 18, 698-700.	9.0	95
123	Are Sex Differences in Human Brain Structure Associated With Sex Differences in Behavior?. <i>Psychological Science</i> , 2021, 32, 1183-1197.	1.8	10
124	Large-scale collaboration in ENIGMA-EEG: A perspective on the meta-analytic approach to link neurological and psychiatric liability genes to electrophysiological brain activity. <i>Brain and Behavior</i> , 2021, 11, e02188.	1.0	18
125	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.	6.0	74
126	International Multicenter Analysis of Brain Structure Across Clinical Stages of Parkinson's Disease. <i>Movement Disorders</i> , 2021, 36, 2583-2594.	2.2	54

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127	Brain Correlates of Suicide Attempt in 18,925 Participants Across 18 International Cohorts. <i>Biological Psychiatry</i> , 2021, 90, 243-252.	0.7	29
128	Predicting Brain Amyloid Using Multivariate Morphometry Statistics, Sparse Coding, and Correntropy: Validation in 1,101 Individuals From the ADNI and OASIS Databases. <i>Frontiers in Neuroscience</i> , 2021, 15, 669595.	1.4	15
129	Multi-Resemblance Multi-Target Low-Rank Coding for Prediction of Cognitive Decline With Longitudinal Brain Images. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 2030-2041.	5.4	6
130	Accelerated functional brain aging in pre-clinical familial Alzheimer's disease. <i>Nature Communications</i> , 2021, 12, 5346.	5.8	43
131	Age and sex effects on advanced white matter microstructure measures in 15,628 older adults: A UK biobank study. <i>Brain Imaging and Behavior</i> , 2021, 15, 2813-2823.	1.1	29
132	Regional relationships between CSF VEGF levels and Alzheimer's disease brain biomarkers and cognition. <i>Neurobiology of Aging</i> , 2021, 105, 241-251.	1.5	17
133	Brain Structure and Degeneration Staging in Friedreich Ataxia: <sc>Magnetic Resonance Imaging</sc> Volumetrics from the <sc>ENIGMA-Ataxia</sc> Working Group. <i>Annals of Neurology</i> , 2021, 90, 570-583.	2.8	27
134	Cortical and subcortical brain structure in generalized anxiety disorder: findings from 28 research sites in the ENIGMA-Anxiety Working Group. <i>Translational Psychiatry</i> , 2021, 11, 502.	2.4	24
135	Mapping cortical and subcortical asymmetries in substance dependence: Findings from the ENIGMA Addiction Working Group. <i>Addiction Biology</i> , 2021, 26, e13010.	1.4	22
136	Disentangled and Proportional Representation Learning for Multi-view Brain Connectomes. <i>Lecture Notes in Computer Science</i> , 2021, 12907, 508-518.	1.0	3
137	MV ² Net: Multi-Variate Multi-View Brain Network Comparison over Uncertain Data. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2021, PP, 1-1.	2.9	1
138	Structural brain imaging studies offer clues about the effects of the shared genetic etiology among neuropsychiatric disorders. <i>Molecular Psychiatry</i> , 2021, 26, 2101-2110.	4.1	53
139	Association of Immunosuppression and Viral Load With Subcortical Brain Volume in an International Sample of People Living With HIV. <i>JAMA Network Open</i> , 2021, 4, e2031190.	2.8	16
140	Smaller spared subcortical nuclei are associated with worse post-stroke sensorimotor outcomes in 28 cohorts worldwide. <i>Brain Communications</i> , 2021, 3, fcab254.	1.5	7
141	White Matter Integrity and Nicotine Dependence: Evaluating Vertical and Horizontal Pleiotropy. <i>Frontiers in Neuroscience</i> , 2021, 15, 738037.	1.4	6
142	Associations of alcohol use, HIV infection, and age with brain white matter microstructure. <i>Journal of NeuroVirology</i> , 2021, 27, 936-950.	1.0	3
143	Comparing empirical kinship derived heritability for imaging genetics traits in the UK biobank and human connectome project. <i>NeuroImage</i> , 2021, 245, 118700.	2.1	2
144	Predictive value of ATN biomarker profiles in estimating disease progression in Alzheimer's disease dementia. <i>Alzheimer's and Dementia</i> , 2021, 17, 1855-1867.	0.4	11

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145	Separating Clinical and Subclinical Depression by Big Data Informed Structural Vulnerability Index and Its Impact on Cognition: ENIGMA Dot Product. , 2021, , .		0
146	Session Introduction: Big Data Imaging Genomics. , 2021, , .		0
147	Autism-related dietary preferences mediate autism-gut microbiome associations. Cell, 2021, 184, 5916-5931.e17.	13.5	172
148	Federated Morphometry Feature Selection for Hippocampal Morphometry Associated Beta-Amyloid and Tau Pathology. Frontiers in Neuroscience, 2021, 15, 762458.	1.4	5
149	Deep Learning on SDF for Classifying Brain Biomarkers. , 2021, 2021, 1051-1054.		2
150	Trauma and posttraumatic stress disorder modulate polygenic predictors of hippocampal and amygdala volume. Translational Psychiatry, 2021, 11, 637.	2.4	4
151	3D convolutional neural networks for classification of Alzheimer's and Parkinson's disease with T1-weighted brain MRI. , 2021, , .		1
152	Cortical microstructural associations with CSF amyloid and tau. Alzheimer's and Dementia, 2021, 17, .	0.4	1
153	Diffusion MRI metrics and their relation to dementia severity: effects of harmonization approaches. , 2021, , .		6
154	Alzheimer's disease classification accuracy is Improved by MRI harmonization based on attention-guided generative adversarial networks. , 2021, 12088, .		5
155	Advanced diffusion-weighted MRI methods demonstrate improved sensitivity to white matter aging: Percentile charts for over 15,000 UK Biobank participants. Alzheimer's and Dementia, 2021, 17, .	0.4	1
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