

# Paul M Thompson

## List of Publications by Year in descending order

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1,424  
papers

116,544  
citations

154

156  
h-index

385

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.	3.6	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.	3.6	14
3	Greater male than female variability in regional brain structure across the lifespan. Human Brain Mapping, 2022, 43, 470-499.	3.6	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.	3.6	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.	3.6	31
6	Testing a convolutional neural network-based hippocampal segmentation method in a stroke population. Human Brain Mapping, 2022, 43, 234-243.	3.6	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.	3.6	67
8	Predicting alcohol dependence from multi-site brain structural measures. Human Brain Mapping, 2022, 43, 555-565.	3.6	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.	3.6	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.	3.6	19
11	Consortium neuroscience of attention deficit/hyperactivity disorder and autism spectrum disorder: The ENIGMA adventure. Human Brain Mapping, 2022, 43, 37-55.	3.6	61
12	Mapping brain asymmetry in health and disease through the ENIGMA consortium. Human Brain Mapping, 2022, 43, 167-181.	3.6	89
13	ENIGMA brain injury: Framework, challenges, and opportunities. Human Brain Mapping, 2022, 43, 149-166.	3.6	33
14	The ENIGMA Epilepsy working group: Mapping disease from large data sets. Human Brain Mapping, 2022, 43, 113-128.	3.6	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.	3.6	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.	3.6	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.	3.6	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.	3.6	28

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19	<scp>Mega-analysis</scp> methods in <scp>ENIGMA</scp>: The experience of the generalized anxiety disorder working group. Human Brain Mapping, 2022, 43, 255-277.	3.6	51
20	ENIGMA-EDI: Translating reproducible white matter deficits into personalized vulnerability metrics in cross-diagnostic psychiatric research. Human Brain Mapping, 2022, 43, 194-206.	3.6	52
21	The <scp>ENIGMA</scp> Stroke Recovery Working Group: Big data neuroimaging to study brain-behavior relationships after stroke. Human Brain Mapping, 2022, 43, 129-148.	3.6	54
22	Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3-90 years. Human Brain Mapping, 2022, 43, 431-451.	3.6	143
23	Subcortical volumes across the lifespan: Data from 18,605 healthy individuals aged 3-90 years. Human Brain Mapping, 2022, 43, 452-469.	3.6	72
24	Effects of copy number variations on brain structure and risk for psychiatric illness: Large-scale studies from the <scp>ENIGMA</scp> working groups on <scp>CNVs</scp>. Human Brain Mapping, 2022, 43, 300-328.	3.6	30
25	Sex is a defining feature of neuroimaging phenotypes in major brain disorders. Human Brain Mapping, 2022, 43, 500-542.	3.6	25
26	Shared Genetic Etiology between Cortical Brain Morphology and Tobacco, Alcohol, and Cannabis Use. Cerebral Cortex, 2022, 32, 796-807.	2.9	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.	1.3	29
28	A <scp>meta-analysis</scp> of deep brain structural shape and asymmetry abnormalities in 2,833 individuals with schizophrenia compared with 3,929 healthy volunteers via the <scp>ENIGMA Consortium</scp>. Human Brain Mapping, 2022, 43, 352-372.	3.6	39
29	A systems-level analysis highlights microglial activation as a modifying factor in common epilepsies. Neuropathology and Applied Neurobiology, 2022, 48, .	3.2	22
30	<scp>FreeSurfer</scp>-based segmentation of hippocampal subfields: A review of methods and applications, with a novel quality control procedure for <scp>ENIGMA</scp> studies and other collaborative efforts. Human Brain Mapping, 2022, 43, 207-233.	3.6	57
31	The Enhancing <scp>Neuroimaging</scp> Genetics through Meta-Analysis Consortium: 10 Years of Global Collaborations in Human Brain Mapping. Human Brain Mapping, 2022, 43, 15-22.	3.6	19
32	Cortical and subcortical neuroanatomical signatures of schizotypy in 3004 individuals assessed in a worldwide ENIGMA study. Molecular Psychiatry, 2022, 27, 1167-1176.	7.9	22
33	Topographic divergence of atypical cortical asymmetry and atrophy patterns in temporal lobe epilepsy. Brain, 2022, 145, 1285-1298.	7.6	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.	3.2	12
35	ENIGMA+COINSTAC: Improving Findability, Accessibility, Interoperability, and Re-usability. Neuroinformatics, 2022, 20, 261-275.	2.8	5
36	Fetal programming of human energy homeostasis brain networks: Issues and considerations. Obesity Reviews, 2022, 23, e13392.	6.5	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, .	2.0	1
38	Is Neuroscience FAIR? A Call for Collaborative Standardisation of Neuroscience Data. <i>Neuroinformatics</i> , 2022, 20, 507-512.	2.8	23
39	The additive impact of <scp>cardioâ€œmetabolic</scp> disorders and psychiatric illnesses on accelerated brain aging. <i>Human Brain Mapping</i> , 2022, 43, 1997-2010.	3.6	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.	7.9	25
41	Cross disorder comparisons of brain structure in schizophrenia, bipolar disorder, major depressive disorder, and 22q11.2 deletion syndrome: A review of <scp>ENIGMA</scp> findings. <i>Psychiatry and Clinical Neurosciences</i> , 2022, 76, 140-161.	1.8	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€œdrinking adolescents. <i>Addiction</i> , 2022, 117, 1312-1325.	3.3	4
47	Structural brain splitting is a hallmark of Granulin-related frontotemporal dementia. <i>Neurobiology of Aging</i> , 2022, , .	3.1	1
48	The thalamus and its subnucleiâ€œa gateway to obsessive-compulsive disorder. <i>Translational Psychiatry</i> , 2022, 12, 70.	4.8	19
49	Virtual Ontogeny of Cortical Growth Preceding Mental Illness. <i>Biological Psychiatry</i> , 2022, 92, 299-313.	1.3	11
50	<scp>ENIGMA HALFPipe</scp>: Interactive, reproducible, and efficient analysis for restingâ€œstate and taskâ€œbased <scp>fMRI</scp> data. <i>Human Brain Mapping</i> , 2022, 43, 2727-2742.	3.6	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.	1.5	2
52	<scp>Ageâ€œdependent</scp> white matter disruptions after military traumatic brain injury: Multivariate analysis results from <scp>ENIGMA</scp> brain injury. <i>Human Brain Mapping</i> , 2022, 43, 2653-2667.	3.6	6
53	Dynamic changes in brain lateralization correlate with human cognitive performance. <i>PLoS Biology</i> , 2022, 20, e3001560.	5.6	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.	3.7	3

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55	Genetic variants associated with longitudinal changes in brain structure across the lifespan. Nature Neuroscience, 2022, 25, 421-432.	14.8	75
56	Diagnosis of bipolar disorders and body mass index predict clustering based on similarities in cortical thicknessâ€”ENIGMA study in 2436 individuals. Bipolar Disorders, 2022, 24, 509-520.	1.9	5
57	Assessment of brain age in posttraumatic stress disorder: Findings from the ENIGMA PTSD and brain age working groups. Brain and Behavior, 2022, 12, e2413.	2.2	25
58	Investigating the Effect of Tau Deposition and Apoe on Hippocampal Morphometry in Alzheimerâ€™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. ACM Transactions on Intelligent Systems and Technology, 2022, 13, 1-29.	4.5	10
61	SCN1A overexpression, associated with a genomic region marked by a risk variant for a common epilepsy, raises seizure susceptibility. Acta Neuropathologica, 2022, 144, 107-127.	7.7	3
62	Chronic Stroke Sensorimotor Impairment Is Related to Smaller Hippocampal Volumes: An ENIGMA Analysis. Journal of the American Heart Association, 2022, 11, e025109.	3.7	8
63	Reply to: â€œParkinson's Disease, Premature Mortality, and Amygdalaâ€” Movement Disorders, 2022, 37, 1111-1112.	3.9	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. Biological Psychiatry, 2022, 92, 730-738.	1.3	37
65	Eventâ€”based modeling in temporal lobe epilepsy demonstrates progressive atrophy from crossâ€”sectional data. Epilepsia, 2022, 63, 2081-2095.	5.1	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 â€” ENIGMA study in 3021 individuals. Molecular Psychiatry, 2022, 27, 3731-3737.	7.9	17
68	Structural Brain Correlates of Childhood Inhibited Temperament: An ENIGMA-Anxiety Mega-analysis. Journal of the American Academy of Child and Adolescent Psychiatry, 2022, 61, 1182-1188.	0.5	2
69	Maternal free fatty acid concentration during pregnancy is associated with newborn hypothalamic microstructure in humans. Obesity, 2022, 30, 1462-1471.	3.0	9
70	Altered white matter microstructural organization in posttraumatic stress disorder across 3047 adults: results from the PGC-ENIGMA PTSD consortium. Molecular Psychiatry, 2021, 26, 4315-4330.	7.9	69
71	Epigenome-wide meta-analysis of blood DNA methylation and its association with subcortical volumes: findings from the ENIGMA Epigenetics Working Group. Molecular Psychiatry, 2021, 26, 3884-3895.	7.9	34
72	Cortical volume abnormalities in posttraumatic stress disorder: an ENIGMA-psychiatric genomics consortium PTSD workgroup mega-analysis. Molecular Psychiatry, 2021, 26, 4331-4343.	7.9	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.	7.9	136
74	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
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.	2.1	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.	2.1	8
77	A White Matter Connection of Schizophrenia and Alzheimer’s Disease. <i>Schizophrenia Bulletin</i> , 2021, 47, 197-206.	4.3	35
78	Estrogen, brain structure, and cognition in postmenopausal women. <i>Human Brain Mapping</i> , 2021, 42, 24-35.	3.6	27
79	Atlas55+: Brain Functional Atlas of Resting-State Networks for Late Adulthood. <i>Cerebral Cortex</i> , 2021, 31, 1719-1731.	2.9	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.	0.8	36
81	The Evolutionary History of Common Genetic Variants Influencing Human Cortical Surface Area. <i>Cerebral Cortex</i> , 2021, 31, 1873-1887.	2.9	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.	2.1	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.	2.1	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.	1.7	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.	2.7	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.	2.7	9
87	Gender-related neuroanatomical differences in alcohol dependence: findings from the ENIGMA Addiction Working Group. <i>NeuroImage: Clinical</i> , 2021, 30, 102636.	2.7	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.	2.1	9
89	Prioritizing Genetic Contributors to Cortical Alterations in 22q11.2 Deletion Syndrome Using Imaging Transcriptomics. <i>Cerebral Cortex</i> , 2021, 31, 3285-3298.	2.9	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.	5.2	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. Journal of Affective Disorders, 2021, 282, 740-756.	4.1	6
92	1q21.1 distal copy number variants are associated with cerebral and cognitive alterations in humans. Translational Psychiatry, 2021, 11, 182.	4.8	24
93	Dissecting autism and schizophrenia through neuroimaging genomics. Brain, 2021, 144, 1943-1957.	7.6	37
94	The role of maternal BMI on brain food cue reactivity in children: a preliminary study. Brain Imaging and Behavior, 2021, 15, 2746-2755.	2.1	5
95	Analysis of structural brain asymmetries in attentionâ€deficit/hyperactivity disorder in 39 datasets. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2021, 62, 1202-1219.	5.2	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. Translational Psychiatry, 2021, 11, 156.	4.8	30
97	White matter microstructure and its relation to clinical features of obsessiveâ€compulsive disorder: findings from the ENIGMA OCD Working Group. Translational Psychiatry, 2021, 11, 173.	4.8	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. Diabetes Care, 2021, 44, 1185-1193.	8.6	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. JAMA Neurology, 2021, 78, 396.	9.0	146
104	Association between body mass index and subcortical brain volumes in bipolar disordersâ€ENIGMA study in 2735 individuals. Molecular Psychiatry, 2021, 26, 6806-6819.	7.9	24
105	Predicting Progression from Mild Cognitive Impairment to Alzheimerâ€™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. Biological Psychiatry, 2021, 89, S184-S185.	1.3	0
107	Sex and dependence related neuroanatomical differences in regular cannabis users: findings from the ENIGMA Addiction Working Group. Translational Psychiatry, 2021, 11, 272.	4.8	14
108	White Matter Microstructure in ADHD: Evidence From 2500 Individuals From the Enigma-ADHD Collaboration. Biological Psychiatry, 2021, 89, S22-S23.	1.3	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.	1.3	1
110	Brain Network Architecture Intricately Linked to Morphological Abnormalities in Major Psychiatric Disorders. <i>Biological Psychiatry</i> , 2021, 89, S229-S230.	1.3	0
111	The General Impact of Haploinsufficiency on Brain Connectivity Underlies the Pleiotropic Effect of Neuropsychiatric CNVs. <i>Biological Psychiatry</i> , 2021, 89, S40.	1.3	0
112	White Matter Diffusion MRI Findings in Carriers of 16p11.2 Copy Number Variants. <i>Biological Psychiatry</i> , 2021, 89, S40.	1.3	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.	1.3	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.	1.3	0
115	Deep Brain Structure Volume and Cortical Thickness Associations With Negative Symptom Domains in Schizophrenia. <i>Biological Psychiatry</i> , 2021, 89, S272-S273.	1.3	0
116	Predicting future cognitive decline with hyperbolic stochastic coding. <i>Medical Image Analysis</i> , 2021, 70, 102009.	11.6	2
117	ENIGMA-Vis: A Web Portal to Browse, Navigate & Visualize Brain Genome-Wide Association Studies (GWAS). <i>Biological Psychiatry</i> , 2021, 89, S136.	1.3	1
118	White Matter Disruption in Pediatric Traumatic Brain Injury. <i>Neurology</i> , 2021, 97, .	1.1	14
119	Leveraging Spatial Transcriptomics to Identify Drivers of Cortical Alterations in 22q11.2 Deletion Syndrome. <i>Biological Psychiatry</i> , 2021, 89, S39.	1.3	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.	1.3	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.	1.3	5
122	The ENIGMA Toolbox: multiscale neural contextualization of multisite neuroimaging datasets. <i>Nature Methods</i> , 2021, 18, 698-700.	19.0	95
123	Are Sex Differences in Human Brain Structure Associated With Sex Differences in Behavior?. <i>Psychological Science</i> , 2021, 32, 1183-1197.	3.3	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.	2.2	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.	11.0	74
126	International Multicenter Analysis of Brain Structure Across Clinical Stages of Parkinson's Disease. <i>Movement Disorders</i> , 2021, 36, 2583-2594.	3.9	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.	1.3	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.	2.8	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.	8.9	6
130	Accelerated functional brain aging in pre-clinical familial Alzheimer's disease. <i>Nature Communications</i> , 2021, 12, 5346.	12.8	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.	2.1	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.	3.1	17
133	Brain Structure and Degeneration Staging in Friedreich Ataxia: <scp>Magnetic Resonance Imaging</scp> Volumetrics from the <scp>ENIGMA-Ataxia</scp> Working Group. <i>Annals of Neurology</i> , 2021, 90, 570-583.	5.3	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.	4.8	24
135	Mapping cortical and subcortical asymmetries in substance dependence: Findings from the ENIGMA Addiction Working Group. <i>Addiction Biology</i> , 2021, 26, e13010.	2.6	22
136	Disentangled and Proportional Representation Learning for Multi-view Brain Connectomes. <i>Lecture Notes in Computer Science</i> , 2021, 12907, 508-518.	1.3	3
137	MV <sup>2</sup> Net: Multi-Variate Multi-View Brain Network Comparison over Uncertain Data. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2021, PP, 1-1.	4.4	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.	7.9	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.	5.9	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.	3.3	7
141	White Matter Integrity and Nicotine Dependence: Evaluating Vertical and Horizontal Pleiotropy. <i>Frontiers in Neuroscience</i> , 2021, 15, 738037.	2.8	6
142	Associations of alcohol use, HIV infection, and age with brain white matter microstructure. <i>Journal of NeuroVirology</i> , 2021, 27, 936-950.	2.1	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.	4.2	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.	0.8	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.	28.9	172
148	Federated Morphometry Feature Selection for Hippocampal Morphometry Associated Beta-Amyloid and Tau Pathology. Frontiers in Neuroscience, 2021, 15, 762458.	2.8	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.	4.8	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, .	0.8	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, .	0.8	1
156	Sex-dependent age trajectories of subcortical brain volume: A UK Biobank study (N=39,544). Alzheimer's and Dementia, 2021, 17, .	0.8	0
157	Predicting Tau accumulation in cerebral cortex with multivariate MRI morphometry measurements, sparse coding, and correntropy. , 2021, 12088, .		1
158	Effect of APOE4 and APOE2 genotype on white matter microstructure. Alzheimer's and Dementia, 2021, 17, .	0.8	1
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