

Neda Jahanshad

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277
papers

9,693
citations

47
h-index

91
g-index

327
ext. papers

13,775
ext. citations

6.6
avg, IF

5.59
L-index

#	Paper	IF	Citations
277	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , 2015 , 520, 224-9	50.4	601
276	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. <i>Brain Imaging and Behavior</i> , 2014 , 8, 153-82	4.1	539
275	Identification of common variants associated with human hippocampal and intracranial volumes. <i>Nature Genetics</i> , 2012 , 44, 552-61	36.3	498
274	Subcortical brain volume differences in participants with attention deficit hyperactivity disorder in children and adults: a cross-sectional mega-analysis. <i>Lancet Psychiatry</i> , 2017 , 4, 310-319	23.3	354
273	Cortical Brain Abnormalities in 4474 Individuals With Schizophrenia and 5098 Control Subjects via the Enhancing Neuro Imaging Genetics Through Meta Analysis (ENIGMA) Consortium. <i>Biological Psychiatry</i> , 2018 , 84, 644-654	7.9	325
272	Multi-site genetic analysis of diffusion images and voxelwise heritability analysis: a pilot project of the ENIGMA-DTI working group. <i>NeuroImage</i> , 2013 , 81, 455-469	7.9	278
271	Smaller Hippocampal Volume in Posttraumatic Stress Disorder: A Multisite ENIGMA-PGC Study: Subcortical Volumetry Results From Posttraumatic Stress Disorder Consortia. <i>Biological Psychiatry</i> , 2018 , 83, 244-253	7.9	192
270	Effectiveness of regional DTI measures in distinguishing Alzheimer's disease, MCI, and normal aging. <i>NeuroImage: Clinical</i> , 2013 , 3, 180-95	5.3	192
269	Cortical and Subcortical Brain Morphometry Differences Between Patients With Autism Spectrum Disorder and Healthy Individuals Across the Lifespan: Results From the ENIGMA ASD Working Group. <i>American Journal of Psychiatry</i> , 2018 , 175, 359-369	11.9	188
268	Structural brain abnormalities in the common epilepsies assessed in a worldwide ENIGMA study. <i>Brain</i> , 2018 , 141, 391-408	11.2	187
267	Distinct Subcortical Volume Alterations in Pediatric and Adult OCD: A Worldwide Meta- and Mega-Analysis. <i>American Journal of Psychiatry</i> , 2017 , 174, 60-69	11.9	183
266	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	11.5	182
265	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017 , 8, 13624	17.4	173
264	Heritability of fractional anisotropy in human white matter: a comparison of Human Connectome Project and ENIGMA-DTI data. <i>NeuroImage</i> , 2015 , 111, 300-11	7.9	159
263	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020 , 367,	33.3	156
262	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	8.6	154
261	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016 , 19, 1569-1582	25.5	147

260	ENIGMA and the individual: Predicting factors that affect the brain in 35 countries worldwide. <i>NeuroImage</i> , 2017 , 145, 389-408	7.9	142
259	Genome-wide scan of healthy human connectome discovers SPON1 gene variant influencing dementia severity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 4768-73	11.5	123
258	Genetics of the connectome. <i>NeuroImage</i> , 2013 , 80, 475-88	7.9	123
257	Brain Imaging of the Cortex in ADHD: A Coordinated Analysis of Large-Scale Clinical and Population-Based Samples. <i>American Journal of Psychiatry</i> , 2019 , 176, 531-542	11.9	120
256	Cortical Abnormalities Associated With Pediatric and Adult Obsessive-Compulsive Disorder: Findings From the ENIGMA Obsessive-Compulsive Disorder Working Group. <i>American Journal of Psychiatry</i> , 2018 , 175, 453-462	11.9	117
255	Mega-Analysis of Gray Matter Volume in Substance Dependence: General and Substance-Specific Regional Effects. <i>American Journal of Psychiatry</i> , 2019 , 176, 119-128	11.9	114
254	Genetic influences on brain asymmetry: a DTI study of 374 twins and siblings. <i>NeuroImage</i> , 2010 , 52, 455-469	7.9	112
253	Whole-genome analyses of whole-brain data: working within an expanded search space. <i>Nature Neuroscience</i> , 2014 , 17, 791-800	25.5	98
252	Multi-site study of additive genetic effects on fractional anisotropy of cerebral white matter: Comparing meta and mega-analytical approaches for data pooling. <i>NeuroImage</i> , 2014 , 95, 136-50	7.9	95
251	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	15.1	89
250	Heritability and reliability of automatically segmented human hippocampal formation subregions. <i>NeuroImage</i> , 2016 , 128, 125-137	7.9	88
249	Rich club analysis in the Alzheimer's disease connectome reveals a relatively undisturbed structural core network. <i>Human Brain Mapping</i> , 2015 , 36, 3087-103	5.9	88
248	Human subcortical brain asymmetries in 15,847 people worldwide reveal effects of age and sex. <i>Brain Imaging and Behavior</i> , 2017 , 11, 1497-1514	4.1	87
247	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019 , 51, 1624-1636	15.1	81
246	Comparison of nine tractography algorithms for detecting abnormal structural brain networks in Alzheimer's disease. <i>Frontiers in Aging Neuroscience</i> , 2015 , 7, 48	5.3	79
245	14.1 LARGE-SCALE PSYCHIATRIC IMAGING STUDIES IN ENIGMA: WHAT IS GAINED AND WHAT ARE FUTURE CHALLENGES. <i>Schizophrenia Bulletin</i> , 2019 , 45, S110-S111	1.3	78
244	Altered structural brain asymmetry in autism spectrum disorder in a study of 54 datasets. <i>Nature Communications</i> , 2019 , 10, 4958	17.4	72
243	Using structural MRI to identify bipolar disorders - 13 site machine learning study in 3020 individuals from the ENIGMA Bipolar Disorders Working Group. <i>Molecular Psychiatry</i> , 2020 , 25, 2130-2143	15.1	71

242	Widespread white matter microstructural abnormalities in bipolar disorder: evidence from mega- and meta-analyses across 3033 individuals. <i>Neuropsychopharmacology</i> , 2019 , 44, 2285-2293	8.7	68
241	Brain structure in healthy adults is related to serum transferrin and the H63D polymorphism in the HFE gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, E851-9	11.5	66
240	White matter microstructural alterations across four major psychiatric disorders: mega-analysis study in 2937 individuals. <i>Molecular Psychiatry</i> , 2020 , 25, 883-895	15.1	66
239	Mapping white matter integrity in elderly people with HIV. <i>Human Brain Mapping</i> , 2014 , 35, 975-92	5.9	59
238	Disrupted brain networks in the aging HIV+ population. <i>Brain Connectivity</i> , 2012 , 2, 335-44	2.7	58
237	How does angular resolution affect diffusion imaging measures?. <i>NeuroImage</i> , 2010 , 49, 1357-71	7.9	56
236	Hierarchical topological network analysis of anatomical human brain connectivity and differences related to sex and kinship. <i>NeuroImage</i> , 2012 , 59, 3784-804	7.9	52
235	Childhood adversity impacts on brain subcortical structures relevant to depression. <i>Journal of Psychiatric Research</i> , 2017 , 86, 58-65	5.2	50
234	Subcortical Brain Volume, Regional Cortical Thickness, and Cortical Surface Area Across Disorders: Findings From the ENIGMA ADHD, ASD, and OCD Working Groups. <i>American Journal of Psychiatry</i> , 2020 , 177, 834-843	11.9	50
233	Brain aging in major depressive disorder: results from the ENIGMA major depressive disorder working group. <i>Molecular Psychiatry</i> , 2021 , 26, 5124-5139	15.1	48
232	Diffusion weighted imaging-based maximum density path analysis and classification of Alzheimer's disease. <i>Neurobiology of Aging</i> , 2015 , 36 Suppl 1, S132-40	5.6	48
231	Heritability of the shape of subcortical brain structures in the general population. <i>Nature Communications</i> , 2016 , 7, 13738	17.4	47
230	ENIGMA MDD: seven years of global neuroimaging studies of major depression through worldwide data sharing. <i>Translational Psychiatry</i> , 2020 , 10, 172	8.6	46
229	White matter microstructural abnormalities in girls with chromosome 22q11.2 deletion syndrome, Fragile X or Turner syndrome as evidenced by diffusion tensor imaging. <i>NeuroImage</i> , 2013 , 81, 441-454	7.9	44
228	Heterochronicity of white matter development and aging explains regional patient control differences in schizophrenia. <i>Human Brain Mapping</i> , 2016 , 37, 4673-4688	5.9	43
227	Virtual Histology of Cortical Thickness and Shared Neurobiology in 6 Psychiatric Disorders. <i>JAMA Psychiatry</i> , 2021 , 78, 47-63	14.5	43
226	An Empirical Comparison of Meta- and Mega-Analysis With Data From the ENIGMA Obsessive-Compulsive Disorder Working Group. <i>Frontiers in Neuroinformatics</i> , 2018 , 12, 102	3.9	41
225	Genetic influences on individual differences in longitudinal changes in global and subcortical brain volumes: Results of the ENIGMA plasticity working group. <i>Human Brain Mapping</i> , 2017 , 38, 4444-4458	5.9	37

224	White matter hyperintensities correlate to cognition and fiber tract integrity in older adults with HIV. <i>Journal of NeuroVirology</i> , 2017 , 23, 422-429	3.9	36
223	ApoE ϵ Is Associated With Cognition, Brain Integrity, and Atrophy in HIV Over Age 60. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2016 , 73, 426-432	3.1	36
222	Altered white matter microstructure in 22q11.2 deletion syndrome: a multisite diffusion tensor imaging study. <i>Molecular Psychiatry</i> , 2020 , 25, 2818-2831	15.1	36
221	Disrupted rich club network in behavioral variant frontotemporal dementia and early-onset Alzheimer's disease. <i>Human Brain Mapping</i> , 2016 , 37, 868-83	5.9	34
220	Mapping Cortical and Subcortical Asymmetry in Obsessive-Compulsive Disorder: Findings From the ENIGMA Consortium. <i>Biological Psychiatry</i> , 2020 , 87, 1022-1034	7.9	34
219	The Association Between Familial Risk and Brain Abnormalities Is Disease Specific: An ENIGMA-Relatives Study of Schizophrenia and Bipolar Disorder. <i>Biological Psychiatry</i> , 2019 , 86, 545-556	7.9	33
218	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	3.9	33
217	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	15.1	33
216	Smaller hippocampal CA1 subfield volume in posttraumatic stress disorder. <i>Depression and Anxiety</i> , 2018 , 35, 1018-1029	8.4	33
215	Genome-wide association analysis links multiple psychiatric liability genes to oscillatory brain activity. <i>Human Brain Mapping</i> , 2018 , 39, 4183-4195	5.9	33
214	Reproducibility of tract-based white matter microstructural measures using the ENIGMA-DTI protocol. <i>Brain and Behavior</i> , 2017 , 7, e00615	3.4	32
213	Increased power by harmonizing structural MRI site differences with the ComBat batch adjustment method in ENIGMA. <i>NeuroImage</i> , 2020 , 218, 116956	7.9	32
212	White matter abnormalities across different epilepsy syndromes in adults: an ENIGMA-Epilepsy study. <i>Brain</i> , 2020 , 143, 2454-2473	11.2	32
211	Alzheimer's Disease Disrupts Rich Club Organization in Brain Connectivity Networks 2013 , 266-269	1.5	31
210	Multimodal neuroimaging of male and female brain structure in health and disease across the life span. <i>Journal of Neuroscience Research</i> , 2017 , 95, 371-379	4.4	31
209	Greater male than female variability in regional brain structure across the lifespan. <i>Human Brain Mapping</i> , 2020 ,	5.9	31
208	Neural correlates of proactive and reactive aggression in adolescent twins. <i>Aggressive Behavior</i> , 2017 , 43, 230-240	2.8	31
207	Neuroimaging genomics in psychiatry-a translational approach. <i>Genome Medicine</i> , 2017 , 9, 102	14.4	30

206	Diffusion-weighted imaging uncovers likely sources of processing-speed deficits in schizophrenia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 13504-13509	11.5	30
205	Role of frontal white matter and corpus callosum on social function in schizophrenia. <i>Schizophrenia Research</i> , 2018 , 202, 180-187	3.6	30
204	A resting state fMRI analysis pipeline for pooling inference across diverse cohorts: an ENIGMA rs-fMRI protocol. <i>Brain Imaging and Behavior</i> , 2019 , 13, 1453-1467	4.1	30
203	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	6.9	30
202	Brain structural abnormalities in obesity: relation to age, genetic risk, and common psychiatric disorders : Evidence through univariate and multivariate mega-analysis including 6420 participants from the ENIGMA MDD working group. <i>Molecular Psychiatry</i> , 2021 , 26, 4839-4852	15.1	29
201	Subcortical shape alterations in major depressive disorder: Findings from the ENIGMA major depressive disorder working group. <i>Human Brain Mapping</i> , 2020 ,	5.9	29
200	Comparison of heritability estimates on resting state fMRI connectivity phenotypes using the ENIGMA analysis pipeline. <i>Human Brain Mapping</i> , 2018 , 39, 4893-4902	5.9	27
199	Obesity gene NEGR1 associated with white matter integrity in healthy young adults. <i>NeuroImage</i> , 2014 , 102 Pt 2, 548-57	7.9	27
198	Brain structural covariance networks in obsessive-compulsive disorder: a graph analysis from the ENIGMA Consortium. <i>Brain</i> , 2020 , 143, 684-700	11.2	27
197	Automatic clustering and population analysis of white matter tracts using maximum density paths. <i>NeuroImage</i> , 2014 , 97, 284-95	7.9	26
196	Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3-90 years. <i>Human Brain Mapping</i> , 2021 ,	5.9	26
195	Susceptibility of brain atrophy to in Alzheimer's disease, evidence from functional prioritization in imaging genetics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 3162-3167	11.5	25
194	The common genetic influence over processing speed and white matter microstructure: Evidence from the Old Order Amish and Human Connectome Projects. <i>NeuroImage</i> , 2016 , 125, 189-197	7.9	24
193	Connectivity network measures predict volumetric atrophy in mild cognitive impairment. <i>Neurobiology of Aging</i> , 2015 , 36 Suppl 1, S113-20	5.6	24
192	Mapping brain asymmetry in health and disease through the ENIGMA consortium. <i>Human Brain Mapping</i> , 2020 ,	5.9	24
191	Brain Aging in Major Depressive Disorder: Results from the ENIGMA Major Depressive Disorder working group		24
190	Association of Copy Number Variation of the 15q11.2 BP1-BP2 Region With Cortical and Subcortical Morphology and Cognition. <i>JAMA Psychiatry</i> , 2020 , 77, 420-430	14.5	24
189	Dose response of the 16p11.2 distal copy number variant on intracranial volume and basal ganglia. <i>Molecular Psychiatry</i> , 2020 , 25, 584-602	15.1	24

188	Significant concordance of genetic variation that increases both the risk for obsessive-compulsive disorder and the volumes of the nucleus accumbens and putamen. <i>British Journal of Psychiatry</i> , 2018 , 213, 430-436	5.4	24
187	Common Genetic Variation Indicates Separate Causes for Periventricular and Deep White Matter Hyperintensities. <i>Stroke</i> , 2020 , 51, 2111-2121	6.7	23
186	Medial Demons Registration Localizes The Degree of Genetic Influence Over Subcortical Shape Variability: An N= 1480 Meta-Analysis 2015 , 2015, 1402-1406	1.5	23
185	Novel Neuroimaging Methods to Understand How HIV Affects the Brain. <i>Current HIV/AIDS Reports</i> , 2015 , 12, 289-98	5.9	22
184	An overview of the first 5 years of the ENIGMA obsessive-compulsive disorder working group: The power of worldwide collaboration. <i>Human Brain Mapping</i> , 2020 ,	5.9	22
183	Functional network connectivity impairments and core cognitive deficits in schizophrenia. <i>Human Brain Mapping</i> , 2019 , 40, 4593-4605	5.9	22
182	DEVELOPMENT OF THE "RICH CLUB" IN BRAIN CONNECTIVITY NETWORKS FROM 438 ADOLESCENTS & ADULTS AGED 12 TO 30 2013 , 624-627	1.5	22
181	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	15.1	22
180	The Relationship Between White Matter Microstructure and General Cognitive Ability in Patients With Schizophrenia and Healthy Participants in the ENIGMA Consortium. <i>American Journal of Psychiatry</i> , 2020 , 177, 537-547	11.9	21
179	No Alterations of Brain Structural Asymmetry in Major Depressive Disorder: An ENIGMA Consortium Analysis. <i>American Journal of Psychiatry</i> , 2019 , 176, 1039-1049	11.9	21
178	Genome-wide interaction analysis reveals replicated epistatic effects on brain structure. <i>Neurobiology of Aging</i> , 2015 , 36 Suppl 1, S151-8	5.6	19
177	Mega-analysis methods in ENIGMA: The experience of the generalized anxiety disorder working group. <i>Human Brain Mapping</i> , 2020 ,	5.9	19
176	Diverging volumetric trajectories following pediatric traumatic brain injury. <i>NeuroImage: Clinical</i> , 2017 , 15, 125-135	5.3	19
175	The ENIGMA-Epilepsy working group: Mapping disease from large data sets. <i>Human Brain Mapping</i> , 2020 ,	5.9	18
174	White Matter in Schizophrenia Treatment Resistance. <i>American Journal of Psychiatry</i> , 2019 , 176, 829-838	11.9	18
173	Brain Imaging and Neurodevelopment in HIV-uninfected Thai Children Born to HIV-infected Mothers. <i>Pediatric Infectious Disease Journal</i> , 2015 , 34, e211-6	3.4	18
172	Boosting brain connectome classification accuracy in Alzheimer's disease using higher-order singular value decomposition. <i>Frontiers in Neuroscience</i> , 2015 , 9, 257	5.1	18
171	The reliability and heritability of cortical folds and their genetic correlations across hemispheres. <i>Communications Biology</i> , 2020 , 3, 510	6.7	18

170	Consortium neuroscience of attention deficit/hyperactivity disorder and autism spectrum disorder: The ENIGMA adventure. <i>Human Brain Mapping</i> , 2020 ,	5.9	17
169	Detecting Genetic Risk Factors for Alzheimer's Disease in Whole Genome Sequence Data via Lasso Screening 2015 , 2015, 985-989	1.5	17
168	Heritability of complex white matter diffusion traits assessed in a population isolate. <i>Human Brain Mapping</i> , 2016 , 37, 525-35	5.9	17
167	The ENIGMA Stroke Recovery Working Group: Big data neuroimaging to study brain-behavior relationships after stroke. <i>Human Brain Mapping</i> , 2020 ,	5.9	17
166	Progressive brain atrophy in chronically infected and treated HIV+ individuals. <i>Journal of NeuroVirology</i> , 2019 , 25, 342-353	3.9	16
165	FEATURE SELECTION IMPROVES THE ACCURACY OF CLASSIFYING ALZHEIMER DISEASE USING DIFFUSION TENSOR IMAGES 2015 , 2015, 126-130	1.5	16
164	Algebraic connectivity of brain networks shows patterns of segregation leading to reduced network robustness in Alzheimer's disease. <i>Mathematics and Visualization</i> , 2014 , 2014, 55-64	0.6	16
163	Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. <i>Nature Communications</i> , 2020 , 11, 4796	17.4	16
162	Fractional anisotropy derived from the diffusion tensor distribution function boosts power to detect Alzheimer's disease deficits. <i>Magnetic Resonance in Medicine</i> , 2017 , 78, 2322-2333	4.4	15
161	Structural and Functional Reorganization of the Brain in Migraine Without Aura. <i>Frontiers in Neurology</i> , 2019 , 10, 442	4.1	15
160	Homogenizing Estimates of Heritability Among SOLAR-Eclipse, OpenMx, APACE, and FPHI Software Packages in Neuroimaging Data. <i>Frontiers in Neuroinformatics</i> , 2019 , 13, 16	3.9	15
159	Sex differences in the human connectome: 4-Tesla high angular resolution diffusion imaging (HARDI) tractography in 234 young adult twins 2011 ,		15
158	Genetic imaging consortium for addiction medicine: From neuroimaging to genes. <i>Progress in Brain Research</i> , 2016 , 224, 203-23	2.9	15
157	A genome-wide association study identifies genetic loci associated with specific lobar brain volumes. <i>Communications Biology</i> , 2019 , 2, 285	6.7	14
156	Neuroimaging, nutrition, and iron-related genes. <i>Cellular and Molecular Life Sciences</i> , 2013 , 70, 4449-61	10.3	14
155	LEFT VERSUS RIGHT HEMISPHERE DIFFERENCES IN BRAIN CONNECTIVITY: 4-TESLA HARDI TRACTOGRAPHY IN 569 TWINS 2012 , 2012, 526-529	1.5	14
154	Subcortical surface morphometry in substance dependence: An ENIGMA addiction working group study. <i>Addiction Biology</i> , 2020 , 25, e12830	4.6	14
153	In vivo hippocampal subfield volumes in bipolar disorder-A mega-analysis from The Enhancing Neuro Imaging Genetics through Meta-Analysis Bipolar Disorder Working Group. <i>Human Brain Mapping</i> , 2020 ,	5.9	14

152	ENIGMA-anxiety working group: Rationale for and organization of large-scale neuroimaging studies of anxiety disorders. <i>Human Brain Mapping</i> , 2020 ,	5.9	14
151	Concordance of genetic variation that increases risk for anxiety disorders and posttraumatic stress disorders and that influences their underlying neurocircuitry. <i>Journal of Affective Disorders</i> , 2019 , 245, 885-896	6.6	14
150	Integration of routine QA data into mega-analysis may improve quality and sensitivity of multisite diffusion tensor imaging studies. <i>Human Brain Mapping</i> , 2018 , 39, 1015-1023	5.9	14
149	Predicting brain network changes in Alzheimer's disease with link prediction algorithms. <i>Molecular BioSystems</i> , 2017 , 13, 725-735		13
148	Concordance of genetic variation that increases risk for tourette syndrome and that influences its underlying neurocircuitry. <i>Translational Psychiatry</i> , 2019 , 9, 120	8.6	13
147	2010 ,		13
146	Heritability estimates on resting state fMRI data using ENIGMA analysis pipeline. <i>Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing</i> , 2018 , 23, 307-318	1.3	13
145	Subcortical volumes across the lifespan: Data from 18,605 healthy individuals aged 3-90 years. <i>Human Brain Mapping</i> , 2021 ,	5.9	13
144	Continuous representations of brain connectivity using spatial point processes. <i>Medical Image Analysis</i> , 2017 , 41, 32-39	15.4	12
143	The joint effect of aging and HIV infection on microstructure of white matter bundles. <i>Human Brain Mapping</i> , 2019 , 40, 4370-4380	5.9	12
142	Impact of family structure and common environment on heritability estimation for neuroimaging genetics studies using Sequential Oligogenic Linkage Analysis Routines. <i>Journal of Medical Imaging</i> , 2014 , 1, 014005	2.6	12
141	The genetic architecture of the human cerebral cortex		12
140	DISCOVERY OF GENES THAT AFFECT HUMAN BRAIN CONNECTIVITY: A GENOME-WIDE ANALYSIS OF THE CONNECTOME 2012 , 542-545	1.5	11
139	Intracranial and subcortical volumes in adolescents with early-onset psychosis: A multisite mega-analysis from the ENIGMA consortium. <i>Human Brain Mapping</i> , 2020 ,	5.9	11
138	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	8.6	11
137	Genomic kinship construction to enhance genetic analyses in the human connectome project data. <i>Human Brain Mapping</i> , 2019 , 40, 1677-1688	5.9	11
136	A White Matter Connection of Schizophrenia and Alzheimer's Disease. <i>Schizophrenia Bulletin</i> , 2021 , 47, 197-206	1.3	11
135	The Impact of Alcohol Use on Frontal White Matter in HIV. <i>Alcoholism: Clinical and Experimental Research</i> , 2018 , 42, 1640-1649	3.7	11

134	Brain Structure and Degeneration Staging in Friedreich Ataxia: Magnetic Resonance Imaging Volumetrics from the ENIGMA-Ataxia Working Group. <i>Annals of Neurology</i> , 2021 , 90, 570-583	9.4	11
133	SPECTRAL GRAPH THEORY AND GRAPH ENERGY METRICS SHOW EVIDENCE FOR THE ALZHEIMER'S DISEASE DISCONNECTION SYNDROME IN -4 RISK GENE CARRIERS 2015 , 2015, 458-461	1.5	10
132	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. <i>Human Brain Mapping</i> , 2020 ,	5.9	10
131	Neuroimaging and genetic risk for Alzheimer's disease and addiction-related degenerative brain disorders. <i>Brain Imaging and Behavior</i> , 2014 , 8, 217-233	4.1	10
130	Seemingly unrelated regression empowers detection of network failure in dementia. <i>Neurobiology of Aging</i> , 2015 , 36 Suppl 1, S103-12	5.6	10
129	DIFFUSION IMAGING PROTOCOL EFFECTS ON GENETIC ASSOCIATIONS 2012 , 944-947	1.5	10
128	Regional brain volumetric changes despite 2 years of treatment initiated during acute HIV infection. <i>Aids</i> , 2020 , 34, 415-426	3.5	10
127	F27. Subcortical Volumes in Social Anxiety Disorder: Preliminary Results From Enigma-Anxiety. <i>Biological Psychiatry</i> , 2018 , 83, S247-S248	7.9	10
126	FreeSurfer-based segmentation of hippocampal subfields: A review of methods and applications, with a novel quality control procedure for ENIGMA studies and other collaborative efforts. <i>Human Brain Mapping</i> , 2020 ,	5.9	10
125	ATLAS-BASED FIBER CLUSTERING FOR MULTI-SUBJECT ANALYSIS OF HIGH ANGULAR RESOLUTION DIFFUSION IMAGING TRACTOGRAPHY 2011 , 2011, 276-280	1.5	9
124	International Multicenter Analysis of Brain Structure Across Clinical Stages of Parkinson's Disease. <i>Movement Disorders</i> , 2021 , 36, 2583-2594	7	9
123	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	15.1	9
122	Low risk of neurodevelopmental impairment among perinatally acquired HIV-infected preschool children who received early antiretroviral treatment in Thailand. <i>Journal of the International AIDS Society</i> , 2019 , 22, e25278	5.4	8
121	Cortical volume abnormalities in posttraumatic stress disorder: an ENIGMA-psychiatric genomics consortium PTSD workgroup mega-analysis. <i>Molecular Psychiatry</i> , 2021 , 26, 4331-4343	15.1	8
120	Imaging genomics discovery of a new risk variant for Alzheimer's disease in the postsynaptic SHARPIN gene. <i>Human Brain Mapping</i> , 2020 , 41, 3737-3748	5.9	8
119	Structural Neuroimaging and Neuropsychologic Signatures in Children With Vertically Acquired HIV. <i>Pediatric Infectious Disease Journal</i> , 2018 , 37, 662-668	3.4	8
118	Rich club network analysis shows distinct patterns of disruption in frontotemporal dementia and Alzheimer's disease. <i>Mathematics and Visualization</i> , 2014 , 2014, 13-22	0.6	8
117	Genetics of Path Lengths in Brain Connectivity Networks: HARDI-Based Maps in 457 Adults. <i>Lecture Notes in Computer Science</i> , 2012 , 7509, 29-40	0.9	8

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