

# Hilleke E Hulshoff Pol

## List of Publications by Year in descending order

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264  
papers

34,141  
citations

3731

89  
h-index

4432

172  
g-index

289  
all docs

289  
docs citations

289  
times ranked

29986  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring the brain network: A review on resting-state fMRI functional connectivity. <i>European Neuropsychopharmacology</i> , 2010, 20, 519-534.	0.7	2,656
2	Efficiency of Functional Brain Networks and Intellectual Performance. <i>Journal of Neuroscience</i> , 2009, 29, 7619-7624.	3.6	1,003
3	Functionally linked resting-state networks reflect the underlying structural connectivity architecture of the human brain. <i>Human Brain Mapping</i> , 2009, 30, 3127-3141.	3.6	907
4	Subcortical brain volume abnormalities in 2028 individuals with schizophrenia and 2540 healthy controls via the ENIGMA consortium. <i>Molecular Psychiatry</i> , 2016, 21, 547-553.	7.9	820
5	Brain volume abnormalities in major depressive disorder: A meta-analysis of magnetic resonance imaging studies. <i>Human Brain Mapping</i> , 2009, 30, 3719-3735.	3.6	776
6	Brain Volumes in Schizophrenia: A Meta-Analysis in Over 18 000 Subjects. <i>Schizophrenia Bulletin</i> , 2013, 39, 1129-1138.	4.3	776
7	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , 2015, 520, 224-229.	27.8	772
8	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. <i>Brain Imaging and Behavior</i> , 2014, 8, 153-182.	2.1	696
9	Small-world and scale-free organization of voxel-based resting-state functional connectivity in the human brain. <i>NeuroImage</i> , 2008, 43, 528-539.	4.2	679
10	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.	1.3	627
11	Aberrant Frontal and Temporal Complex Network Structure in Schizophrenia: A Graph Theoretical Analysis. <i>Journal of Neuroscience</i> , 2010, 30, 15915-15926.	3.6	616
12	Identification of common variants associated with human hippocampal and intracranial volumes. <i>Nature Genetics</i> , 2012, 44, 552-561.	21.4	594
13	Abnormal Rich Club Organization and Functional Brain Dynamics in Schizophrenia. <i>JAMA Psychiatry</i> , 2013, 70, 783.	11.0	594
14	Parent-of-origin-specific allelic associations among 106 genomic loci for age at menarche. <i>Nature</i> , 2014, 514, 92-97.	27.8	548
15	Widespread white matter microstructural differences in schizophrenia across 4322 individuals: results from the ENIGMA Schizophrenia DTI Working Group. <i>Molecular Psychiatry</i> , 2018, 23, 1261-1269.	7.9	522
16	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020, 367, .	12.6	450
17	Glutamate in Schizophrenia: A Focused Review and Meta-Analysis of 1H-MRS Studies. <i>Schizophrenia Bulletin</i> , 2013, 39, 120-129.	4.3	400
18	Genetic influences on human brain structure: A review of brain imaging studies in twins. <i>Human Brain Mapping</i> , 2007, 28, 464-473.	3.6	384

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19	Anatomical MRI of the Developing Human Brain: What Have We Learned?. Journal of the American Academy of Child and Adolescent Psychiatry, 2001, 40, 1012-1020.	0.5	383
20	Brain Volume Changes in First-Episode Schizophrenia. Archives of General Psychiatry, 2002, 59, 1002.	12.3	378
21	Normalized Cut Group Clustering of Resting-State fMRI Data. PLoS ONE, 2008, 3, e2001.	2.5	367
22	ENIGMA and global neuroscience: A decade of large-scale studies of the brain in health and disease across more than 40 countries. Translational Psychiatry, 2020, 10, 100.	4.8	365
23	The association between brain volume and intelligence is of genetic origin. Nature Neuroscience, 2002, 5, 83-84.	14.8	354
24	Multi-site genetic analysis of diffusion images and voxelwise heritability analysis: A pilot project of the ENIGMAâ€“DTI working group. NeuroImage, 2013, 81, 455-469.	4.2	354
25	Human brain changes across the life span: A review of 56 longitudinal magnetic resonance imaging studies. Human Brain Mapping, 2012, 33, 1987-2002.	3.6	346
26	Changes in Cortical Thickness During the Course of Illness in Schizophrenia. Archives of General Psychiatry, 2011, 68, 871.	12.3	329
27	What Happens After the First Episode? A Review of Progressive Brain Changes in Chronically Ill Patients With Schizophrenia. Schizophrenia Bulletin, 2007, 34, 354-366.	4.3	325
28	A Four-Dimensional Probabilistic Atlas of the Human Brain. Journal of the American Medical Informatics Association: JAMIA, 2001, 8, 401-430.	4.4	313
29	Magnetic Resonance Imaging of Boys With Attention-Deficit/Hyperactivity Disorder and Their Unaffected Siblings. Journal of the American Academy of Child and Adolescent Psychiatry, 2004, 43, 332-340.	0.5	306
30	Microstructural Organization of the Cingulum Tract and the Level of Default Mode Functional Connectivity. Journal of Neuroscience, 2008, 28, 10844-10851.	3.6	301
31	Accelerated Brain Aging in Schizophrenia: A Longitudinal Pattern Recognition Study. American Journal of Psychiatry, 2016, 173, 607-616.	7.2	292
32	Changes in Thickness and Surface Area of the Human Cortex and Their Relationship with Intelligence. Cerebral Cortex, 2015, 25, 1608-1617.	2.9	290
33	Brain Volumes in Relatives of Patients With Schizophrenia. Archives of General Psychiatry, 2007, 64, 297.	12.3	289
34	An integrated genetic-epigenetic analysis of schizophrenia: evidence for co-localization of genetic associations and differential DNA methylation. Genome Biology, 2016, 17, 176.	8.8	287
35	Quantitative Genetic Modeling of Variation in Human Brain Morphology. Cerebral Cortex, 2001, 11, 816-824.	2.9	276
36	Genetic Contributions to Human Brain Morphology and Intelligence. Journal of Neuroscience, 2006, 26, 10235-10242.	3.6	271

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37	Focal Gray Matter Changes in Schizophrenia across the Course of the Illness: A 5-Year Follow-Up Study. <i>Neuropsychopharmacology</i> , 2007, 32, 2057-2066.	5.4	267
38	Focal Gray Matter Density Changes in Schizophrenia. <i>Archives of General Psychiatry</i> , 2001, 58, 1118.	12.3	255
39	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017, 8, 13624.	12.8	250
40	Progressive Brain Volume Loss in Schizophrenia Over the Course of the Illness: Evidence of Maturational Abnormalities in Early Adulthood. <i>Biological Psychiatry</i> , 2008, 63, 106-113.	1.3	235
41	Sex steroids and brain structure in pubertal boys and girls. <i>Psychoneuroendocrinology</i> , 2009, 34, 332-342.	2.7	234
42	Heritability of fractional anisotropy in human white matter: A comparison of Human Connectome Project and ENIGMA-DTI data. <i>NeuroImage</i> , 2015, 111, 300-311.	4.2	227
43	Structural Brain Abnormalities in Patients With Schizophrenia and Their Healthy Siblings. <i>American Journal of Psychiatry</i> , 2000, 157, 416-421.	7.2	216
44	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016, 19, 1569-1582.	14.8	213
45	Common variants at 12q14 and 12q24 are associated with hippocampal volume. <i>Nature Genetics</i> , 2012, 44, 545-551.	21.4	212
46	Differential effects of DRD4 and DAT1 genotype on fronto-striatal gray matter volumes in a sample of subjects with attention deficit hyperactivity disorder, their unaffected siblings, and controls. <i>Molecular Psychiatry</i> , 2005, 10, 678-685.	7.9	204
47	Genetic influences on schizophrenia and subcortical brain volumes: large-scale proof of concept. <i>Nature Neuroscience</i> , 2016, 19, 420-431.	14.8	204
48	Volume Changes in Gray Matter in Patients With Schizophrenia. <i>American Journal of Psychiatry</i> , 2002, 159, 244-250.	7.2	198
49	Can structural MRI aid in clinical classification? A machine learning study in two independent samples of patients with schizophrenia, bipolar disorder and healthy subjects. <i>NeuroImage</i> , 2014, 84, 299-306.	4.2	195
50	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019, 51, 1624-1636.	21.4	192
51	Volumes of Brain Structures in Twins Discordant for Schizophrenia. <i>Archives of General Psychiatry</i> , 2001, 58, 33.	12.3	187
52	Assessment of system dysfunction in the brain through MRI-based connectomics. <i>Lancet Neurology</i> , The, 2013, 12, 1189-1199.	10.2	184
53	Volumetric analysis of frontal lobe regions in schizophrenia: relation to cognitive function and symptomatology. <i>Biological Psychiatry</i> , 1999, 45, 1597-1605.	1.3	182
54	Prenatal Exposure to Famine and Brain Morphology in Schizophrenia. <i>American Journal of Psychiatry</i> , 2000, 157, 1170-1172.	7.2	180

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55	Excessive Brain Volume Loss Over Time in Cannabis-Using First-Episode Schizophrenia Patients. <i>American Journal of Psychiatry</i> , 2008, 165, 490-496.	7.2	178
56	ENIGMA and the individual: Predicting factors that affect the brain in 35 countries worldwide. <i>NeuroImage</i> , 2017, 145, 389-408.	4.2	173
57	Classification of schizophrenia patients and healthy controls from structural MRI scans in two large independent samples. <i>NeuroImage</i> , 2012, 61, 606-612.	4.2	169
58	Sex steroids and brain structure in pubertal boys and girls: a mini-review of neuroimaging studies. <i>Neuroscience</i> , 2011, 191, 28-37.	2.3	167
59	Sex steroids and connectivity in the human brain: A review of neuroimaging studies. <i>Psychoneuroendocrinology</i> , 2011, 36, 1101-1113.	2.7	167
60	Focal white matter density changes in schizophrenia: reduced inter-hemispheric connectivity. <i>NeuroImage</i> , 2004, 21, 27-35.	4.2	163
61	Heritability of regional and global brain structure at the onset of puberty: A magnetic resonance imaging study in 9-year-old twin pairs. <i>Human Brain Mapping</i> , 2009, 30, 2184-2196.	3.6	155
62	Motor Network Degeneration in Amyotrophic Lateral Sclerosis: A Structural and Functional Connectivity Study. <i>PLoS ONE</i> , 2010, 5, e13664.	2.5	153
63	Partial Volume Decrease of the Thalamus in Relatives of Patients With Schizophrenia. <i>American Journal of Psychiatry</i> , 1998, 155, 1784-1786.	7.2	150
64	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.	2.1	144
65	Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3-90 years. <i>Human Brain Mapping</i> , 2022, 43, 431-451.	3.6	143
66	Increased gray-matter volume in medication-naïve high-functioning children with autism spectrum disorder. <i>Psychological Medicine</i> , 2005, 35, 561-570.	4.5	137
67	Brain volume changes in the first year of illness and 5-year outcome of schizophrenia. <i>British Journal of Psychiatry</i> , 2006, 189, 381-382.	2.8	132
68	GABA and glutamate in schizophrenia: A 7T 1H-MRS study. <i>NeuroImage: Clinical</i> , 2014, 6, 398-407.	2.7	129
69	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, 136-150.	4.2	127
70	Multivariate genetic analysis of brain structure in an extended twin design. <i>Behavior Genetics</i> , 2000, 30, 311-319.	2.1	121
71	Heritability of Changes in Brain Volume Over Time in Twin Pairs Discordant for Schizophrenia. <i>Archives of General Psychiatry</i> , 2008, 65, 1259.	12.3	119
72	Exercise therapy, cardiorespiratory fitness and their effect on brain volumes: A randomised controlled trial in patients with schizophrenia and healthy controls. <i>European Neuropsychopharmacology</i> , 2013, 23, 675-685.	0.7	119

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73	Genetic Schizophrenia Risk Variants Jointly Modulate Total Brain and White Matter Volume. <i>Biological Psychiatry</i> , 2013, 73, 525-531.	1.3	119
74	GABAergic Mechanisms in Schizophrenia: Linking Postmortem and In Vivo Studies. <i>Frontiers in Psychiatry</i> , 2017, 8, 118.	2.6	119
75	Changing your sex changes your brain: influences of testosterone and estrogen on adult human brain structure. <i>European Journal of Endocrinology</i> , 2006, 155, S107-S114.	3.7	118
76	The Effect of Clozapine on Caudate Nucleus Volume in Schizophrenic Patients Previously Treated with Typical Antipsychotics. <i>Neuropsychopharmacology</i> , 2001, 24, 47-54.	5.4	116
77	Genetic Correlations Between Brain Volumes and the WAIS-III Dimensions of Verbal Comprehension, Working Memory, Perceptual Organization, and Processing Speed. <i>Twin Research and Human Genetics</i> , 2003, 6, 131-139.	1.0	115
78	Gray and white matter volume abnormalities in monozygotic and same-gender dizygotic twins discordant for schizophrenia. <i>Biological Psychiatry</i> , 2004, 55, 126-130.	1.3	115
79	The Brain Matures with Stronger Functional Connectivity and Decreased Randomness of Its Network. <i>PLoS ONE</i> , 2012, 7, e36896.	2.5	114
80	Overlapping and Segregating Structural Brain Abnormalities in Twins With Schizophrenia or Bipolar Disorder. <i>Archives of General Psychiatry</i> , 2012, 69, 349.	12.3	107
81	Genetic control of functional brain network efficiency in children. <i>European Neuropsychopharmacology</i> , 2013, 23, 19-23.	0.7	105
82	Automatic Segmentation of the Ventricular System from MR Images of the Human Brain. <i>NeuroImage</i> , 2001, 14, 95-104.	4.2	104
83	Gray and white matter density changes in monozygotic and same-sex dizygotic twins discordant for schizophrenia using voxel-based morphometry. <i>NeuroImage</i> , 2006, 31, 482-488.	4.2	100
84	A meta-analysis of the polyunsaturated fatty acid composition of erythrocyte membranes in schizophrenia. <i>Schizophrenia Research</i> , 2012, 141, 153-161.	2.0	100
85	Influence of Genes and Environment on Brain Volumes in Twin Pairs Concordant and Discordant for Bipolar Disorder. <i>Archives of General Psychiatry</i> , 2009, 66, 142.	12.3	99
86	White Matter Development in Early Puberty: A Longitudinal Volumetric and Diffusion Tensor Imaging Twin Study. <i>PLoS ONE</i> , 2012, 7, e32316.	2.5	99
87	Hippocampal volume and subcortical white matter lesions in late life depression: comparison of early and late onset depression. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2007, 78, 638-640.	1.9	97
88	Automated Separation of Gray and White Matter from MR Images of the Human Brain. <i>NeuroImage</i> , 2001, 13, 230-237.	4.2	96
89	Impaired cerebellar functional connectivity in schizophrenia patients and their healthy siblings. <i>Frontiers in Psychiatry</i> , 2011, 2, 73.	2.6	96
90	Physical Exercise Keeps the Brain Connected: Biking Increases White Matter Integrity in Patients With Schizophrenia and Healthy Controls. <i>Schizophrenia Bulletin</i> , 2015, 41, 869-878.	4.3	96

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91	Cerebral white matter in early puberty is associated with luteinizing hormone concentrations. <i>Psychoneuroendocrinology</i> , 2008, 33, 909-915.	2.7	94
92	Advances in high-resolution imaging and computational unfolding of the human hippocampus. <i>NeuroImage</i> , 2009, 47, 42-49.	4.2	94
93	Psychosis and brain volume changes during the first five years of schizophrenia. <i>European Neuropsychopharmacology</i> , 2009, 19, 147-151.	0.7	92
94	Brain Plasticity and Intellectual Ability Are Influenced by Shared Genes. <i>Journal of Neuroscience</i> , 2010, 30, 5519-5524.	3.6	90
95	Heritability of subcortical brain measures: A perspective for future genome-wide association studies. <i>NeuroImage</i> , 2013, 83, 98-102.	4.2	87
96	Brain MRI abnormalities in schizophrenia: same genes or same environment?. <i>Psychological Medicine</i> , 2005, 35, 1399-1409.	4.5	84
97	Genetic influences on thinning of the cerebral cortex during development. <i>NeuroImage</i> , 2012, 59, 3871-3880.	4.2	83
98	Brain volumes as predictor of outcome in recent-onset schizophrenia: a multi-center MRI study. <i>Schizophrenia Research</i> , 2003, 64, 41-52.	2.0	82
99	Reliability of brain volumes from multicenter MRI acquisition: A calibration study. <i>Human Brain Mapping</i> , 2004, 22, 312-320.	3.6	82
100	Genome-wide association study of sexual maturation in males and females highlights a role for body mass and menarche loci in male puberty. <i>Human Molecular Genetics</i> , 2014, 23, 4452-4464.	2.9	82
101	Hippocampal changes and white matter lesions in early-onset depression. <i>Biological Psychiatry</i> , 2004, 56, 825-831.	1.3	81
102	Structural Brain Abnormalities in Chronic Schizophrenia at the Extremes of the Outcome Spectrum. <i>American Journal of Psychiatry</i> , 2001, 158, 1140-1142.	7.2	80
103	Tract-based Analysis of Magnetization Transfer Ratio and Diffusion Tensor Imaging of the Frontal and Frontotemporal Connections in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2010, 36, 778-787.	4.3	80
104	Microstructural alterations of the arcuate fasciculus in schizophrenia patients with frequent auditory verbal hallucinations. <i>Schizophrenia Research</i> , 2011, 130, 68-77.	2.0	80
105	Association of IQ Changes and Progressive Brain Changes in Patients With Schizophrenia. <i>JAMA Psychiatry</i> , 2015, 72, 803.	11.0	80
106	Schizophrenia as a progressive brain disease. <i>European Psychiatry</i> , 2008, 23, 245-254.	0.2	77
107	Mapping reliability in multicenter MRI: Voxel-based morphometry and cortical thickness. <i>Human Brain Mapping</i> , 2010, 31, 1967-1982.	3.6	77
108	Heritability of Verbal and Performance Intelligence in a Pediatric Longitudinal Sample. <i>Twin Research and Human Genetics</i> , 2011, 14, 119-128.	0.6	76

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109	Greater male than female variability in regional brain structure across the lifespan. <i>Human Brain Mapping</i> , 2022, 43, 470-499.	3.6	76
110	A controlled study of brain structure in monozygotic twins concordant and discordant for schizophrenia. <i>Biological Psychiatry</i> , 2004, 56, 454-461.	1.3	75
111	Genetic variants associated with longitudinal changes in brain structure across the lifespan. <i>Nature Neuroscience</i> , 2022, 25, 421-432.	14.8	75
112	Cannabis use and progressive cortical thickness loss in areas rich in CB1 receptors during the first five years of schizophrenia. <i>European Neuropsychopharmacology</i> , 2010, 20, 855-865.	0.7	74
113	Subcortical volumes across the lifespan: Data from 18,605 healthy individuals aged 3-90 years. <i>Human Brain Mapping</i> , 2022, 43, 452-469.	3.6	72
114	Individual Differences in EEG Spectral Power Reflect Genetic Variance in Gray and White Matter Volumes. <i>Twin Research and Human Genetics</i> , 2012, 15, 384-392.	0.6	68
115	Specific somatotopic organization of functional connections of the primary motor network during resting state. <i>Human Brain Mapping</i> , 2010, 31, 631-644.	3.6	67
116	Aberrations in the arcuate fasciculus are associated with auditory verbal hallucinations in psychotic and in non-psychotic individuals. <i>Human Brain Mapping</i> , 2013, 34, 626-634.	3.6	67
117	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.	1.3	67
118	Heritability of DTI and MTR in nine-year-old children. <i>NeuroImage</i> , 2010, 53, 1085-1092.	4.2	66
119	Functional Diffusion Tensor Imaging: Measuring Task-Related Fractional Anisotropy Changes in the Human Brain along White Matter Tracts. <i>PLoS ONE</i> , 2008, 3, e3631.	2.5	66
120	Effect of Clozapine on Caudate Nucleus Volume in Relation to Symptoms of Schizophrenia. <i>American Journal of Psychiatry</i> , 2001, 158, 644-646.	7.2	65
121	HPG-axis hormones during puberty: A study on the association with hypothalamic and pituitary volumes. <i>Psychoneuroendocrinology</i> , 2010, 35, 133-140.	2.7	65
122	Decreased frontostriatal microstructural organization in attention deficit/hyperactivity disorder. <i>Human Brain Mapping</i> , 2012, 33, 1941-1951.	3.6	65
123	Statistical Sulcal Shape Comparisons: Application to the Detection of Genetic Encoding of the Central Sulcus Shape. <i>NeuroImage</i> , 2000, 11, 564-574.	4.2	64
124	Development of the brain's structural network efficiency in early adolescence: A longitudinal DTI twin study. <i>Human Brain Mapping</i> , 2015, 36, 4938-4953.	3.6	64
125	Confounders of excessive brain volume loss in schizophrenia. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 2418-2423.	6.1	61
126	Altered white matter connectivity in never-medicated patients with schizophrenia. <i>Human Brain Mapping</i> , 2013, 34, 2353-2365.	3.6	60



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127	A family affair: brain abnormalities in siblings of patients with schizophrenia. <i>Brain</i> , 2013, 136, 3215-3226.	7.6	59
128	Tract-based diffusion tensor imaging in patients with schizophrenia and their non-psychotic siblings. <i>European Neuropsychopharmacology</i> , 2013, 23, 295-304.	0.7	58
129	IQ change over time in schizophrenia and healthy individuals: A meta-analysis. <i>Schizophrenia Research</i> , 2013, 146, 201-208.	2.0	58
130	Heritability of structural brain network topology: A DTI study of 156 twins. <i>Human Brain Mapping</i> , 2014, 35, 5295-5305.	3.6	56
131	Structural Brain Connectivity as a Genetic Marker for Schizophrenia. <i>JAMA Psychiatry</i> , 2016, 73, 11.	11.0	56
132	Genetic and environmental influences on functional connectivity within and between canonical cortical resting-state networks throughout adolescent development in boys and girls. <i>NeuroImage</i> , 2019, 202, 116073.	4.2	54
133	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.	11.0	54
134	Cerebral volume measurements and subcortical white matter lesions and short-term treatment response in late life depression. <i>International Journal of Geriatric Psychiatry</i> , 2007, 22, 468-474.	2.7	53
135	Brain Volume Changes After Withdrawal of Atypical Antipsychotics in Patients With First-Episode Schizophrenia. <i>Journal of Clinical Psychopharmacology</i> , 2011, 31, 146-153.	1.4	53
136	The Genetic and Environmental Determinants of the Association Between Brain Abnormalities and Schizophrenia: The Schizophrenia Twins and Relatives Consortium. <i>Biological Psychiatry</i> , 2012, 71, 915-921.	1.3	52
137	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.	3.6	51
138	Cannabis and brain morphology in recent-onset schizophrenia. <i>Schizophrenia Research</i> , 2004, 67, 305-307.	2.0	50
139	Cortical thickness and voxel-based morphometry in depressed elderly. <i>European Neuropsychopharmacology</i> , 2010, 20, 398-404.	0.7	50
140	Hippocampal Volume Change in Schizophrenia. <i>Journal of Clinical Psychiatry</i> , 2010, 71, 737-744.	2.2	50
141	Hypothalamus and pituitary volume in schizophrenia: a structural MRI study. <i>International Journal of Neuropsychopharmacology</i> , 2012, 15, 281-288.	2.1	49
142	Focal And Global Brain Measurements in Siblings of Patients With Schizophrenia. <i>Schizophrenia Bulletin</i> , 2012, 38, 814-825.	4.3	48
143	Brain SCALE: Brain Structure and Cognition: an Adolescent Longitudinal Twin Study into the Genetic Etiology of Individual Differences. <i>Twin Research and Human Genetics</i> , 2012, 15, 453-467.	0.6	48
144	The Computerized Neurocognitive Battery: Validation, aging effects, and heritability across cognitive domains.. <i>Neuropsychology</i> , 2016, 30, 53-64.	1.3	47

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145	Effects of brain-derived neurotrophic factor Val66Met polymorphism on hippocampal volume change in schizophrenia. <i>Hippocampus</i> , 2010, 20, 1010-1017.	1.9	46
146	Genetic and environmental influences on focal brain density in bipolar disorder. <i>Brain</i> , 2010, 133, 3080-3092.	7.6	45
147	Association between structural brain network efficiency and intelligence increases during adolescence. <i>Human Brain Mapping</i> , 2018, 39, 822-836.	3.6	45
148	Hypothalamus volume in twin pairs discordant for schizophrenia. <i>European Neuropsychopharmacology</i> , 2008, 18, 312-315.	0.7	44
149	Segmentation of MRI brain scans using non-uniform partial volume densities. <i>NeuroImage</i> , 2010, 49, 467-477.	4.2	44
150	Differentiating between low and high susceptibility to schizophrenia in twins: the significance of dermatoglyphic indices in relation to other determinants of brain development. <i>Schizophrenia Research</i> , 2001, 52, 181-193.	2.0	43
151	Twin-singleton differences in brain structure using structural equation modelling. <i>Brain</i> , 2002, 125, 384-390.	7.6	43
152	Reciprocal causation models of cognitive vs volumetric cerebral intermediate phenotypes for schizophrenia in a pan-European twin cohort. <i>Molecular Psychiatry</i> , 2015, 20, 1386-1396.	7.9	41
153	Genetic transmission of reading ability. <i>Brain and Language</i> , 2017, 172, 3-8.	1.6	41
154	How Frequent Are Radiological Abnormalities in Patients With Psychosis? A Review of 1379 MRI Scans. <i>Schizophrenia Bulletin</i> , 2013, 39, 815-819.	4.3	40
155	Genetic Influences on the Development of Cerebral Cortical Thickness During Childhood and Adolescence in a Dutch Longitudinal Twin Sample: The Brainscale Study. <i>Cerebral Cortex</i> , 2019, 29, 978-993.	2.9	40
156	Does having a twin brother make for a bigger brain?. <i>European Journal of Endocrinology</i> , 2009, 160, 739-746.	3.7	39
157	A genetic analysis of brain volumes and IQ in children. <i>Intelligence</i> , 2009, 37, 181-191.	3.0	39
158	Association of Depression Duration With Reduction of Global Cerebral Gray Matter Volume in Female Patients With Recurrent Major Depressive Disorder. <i>American Journal of Psychiatry</i> , 2003, 160, 2052-2054.	7.2	38
159	Focal brain matter differences associated with lifetime alcohol intake and visual attention in male but not in female non-alcohol-dependent drinkers. <i>NeuroImage</i> , 2005, 26, 536-545.	4.2	38
160	Glutamate changes in healthy young adulthood. <i>European Neuropsychopharmacology</i> , 2013, 23, 1484-1490.	0.7	38
161	Heritability of brain volume change and its relation to intelligence. <i>NeuroImage</i> , 2014, 100, 676-683.	4.2	38
162	Neuropsychological dysfunctions in siblings discordant for schizophrenia. <i>Psychiatry Research</i> , 2000, 95, 227-235.	3.3	36

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