# Hilleke E Hulshoff Pol

## List of Publications by Year in Descending Order



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|---|---|---|---|
| 263 papers | 26,531 citations | 82 h-index | 159 g-index |
| 289 ext. papers | 31,318 ext. citations | 6.4 avg, IF | 6.89 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 263 | Genetic variants associated with longitudinal changes in brain structure across the lifespan.. *Nature Neuroscience*, **2022**, 25, 421-432 | 25.5 | 1 |
| 262 | Heritability of Urinary Amines, Organic Acids, and Steroid Hormones in Children. *Metabolites*, **2022**, 12, 474 | 5.6 | 0 |
| 261 | Integrating Cognitive Developmental Neuroscience in Society: Lessons Learned From a Multidisciplinary Research Project on Education and Social Safety of Youth. *Frontiers in Integrative Neuroscience*, **2021**, 15, 756640 | 3.2 | 2 |
| 260 | 1q21.1 distal copy number variants are associated with cerebral and cognitive alterations in humans. *Translational Psychiatry*, **2021**, 11, 182 | 8.6 | 6 |
| 259 | Accelerated aging in the brain, epigenetic aging in blood, and polygenic risk for schizophrenia. *Schizophrenia Research*, **2021**, 231, 189-197 | 3.6 | 5 |
| 258 | De-identification procedures for magnetic resonance images and the impact on structural brain measures at different ages. *Human Brain Mapping*, **2021**, 42, 3643-3655 | 5.9 | 2 |
| 257 | Reliability modelling of resting-state functional connectivity. *NeuroImage*, **2021**, 231, 117842 | 7.9 | 2 |
| 256 | Sex Differences in Lifespan Trajectories and Variability of Human Sulcal and Gyral Morphology. *Cerebral Cortex*, **2021**, 31, 5107-5120 | 5.1 | 2 |
| 255 | Reduced resting state functional connectivity in the hippocampus-midbrain-striatum network of schizophrenia patients. *Journal of Psychiatric Research*, **2021**, 138, 83-88 | 5.2 | 5 |
| 254 | 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 | 15.1 | 22 |
| 253 | Dissimilarity in Sulcal Width Patterns in the Cortex can be Used to Identify Patients With Schizophrenia With Extreme Deficits in Cognitive Performance. *Schizophrenia Bulletin*, **2021**, 47, 552-561 | 1.3 | 2 |
| 252 | The Speed of Development of Adolescent Brain Age Depends on Sex and Is Genetically Determined. *Cerebral Cortex*, **2021**, 31, 1296-1306 | 5.1 | 7 |
| 251 | Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3-90 years. *Human Brain Mapping*, **2021**, | 5.9 | 26 |
| 250 | Subcortical volumes across the lifespan: Data from 18,605 healthy individuals aged 3-90 years. *Human Brain Mapping*, **2021**, | 5.9 | 13 |
| 249 | Effects of copy number variations on brain structure and risk for psychiatric illness: Large-scale studies from the ENIGMA working groups on CNVs. *Human Brain Mapping*, **2021**, | 5.9 | 6 |
| 248 | Alcohol use and brain morphology in adolescence: A longitudinal study in three different cohorts. *European Journal of Neuroscience*, **2021**, 54, 6012-6026 | 3.5 | 3 |
| 247 | Heritability of Memory Functions and Related Brain Volumes: A Schizophrenia Spectrum Study of 214 Twins. *Schizophrenia Bulletin Open*, **2020**, 1, | 2.2 | 2 |

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| 246 | 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 | 8.6 | 154 |
| 245 | The genetic architecture of the human cerebral cortex. *Science*, **2020**, 367, | 33.3 | 156 |
| 244 | Long-Term Stability of Cortisol Production and Metabolism Throughout Adolescence: Longitudinal Twin Study. *Twin Research and Human Genetics*, **2020**, 23, 33-38 | 2.2 | 1 |
| 243 | Changes in the intracranial volume from early adulthood to the sixth decade of life: A longitudinal study. *NeuroImage*, **2020**, 220, 116842 | 7.9 | 6 |
| 242 | Sexual dimorphism in cortisol metabolism throughout pubertal development: a longitudinal study. *Endocrine Connections*, **2020**, 9, 542-551 | 3.5 | 6 |
| 241 | Structural Methods in Gray Matter **2020**, 3-26 | | |
| 240 | Association of Copy Number Variation of the 15q11.2 BP1-BP2 Region With Cortical and Subcortical Morphology and Cognition. *JAMA Psychiatry*, **2020**, 77, 420-430 | 14.5 | 24 |
| 239 | Heritability of Cortisol Production and Metabolism Throughout Adolescence. *Journal of Clinical Endocrinology and Metabolism*, **2020**, 105, | 5.6 | 5 |
| 238 | Intelligence, educational attainment, and brain structure in those at familial high-risk for schizophrenia or bipolar disorder. *Human Brain Mapping*, **2020**, | 5.9 | 5 |
| 237 | The YOUth cohort study: MRI protocol and test-retest reliability in adults. *Developmental Cognitive Neuroscience*, **2020**, 45, 100816 | 5.5 | 9 |
| 236 | Greater male than female variability in regional brain structure across the lifespan. *Human Brain Mapping*, **2020**, | 5.9 | 31 |
| 235 | The YOUth study: Rationale, design, and study procedures. *Developmental Cognitive Neuroscience*, **2020**, 46, 100868 | 5.5 | 10 |
| 234 | F91. REDUCED RESTING STATE FUNCTIONAL CONNECTIVITY IN THE HIPPOCAMPUS-MIDBRAIN-STRIATUM NETWORK OF SCHIZOPHRENIA PATIENTS. *Schizophrenia Bulletin*, **2019**, 45, S288-S288 | 1.3 | 78 |
| 233 | S15. HERITABILITY AND CORRELATION TO SCHIZOPHRENIA SPECTRUM DISORDERS OF CEREBRAL BLOOD FLOW MEASURED BY PSEUDO-CONTINUOUS ARTERIAL SPIN LABELING IN DANISH TWINS. *Schizophrenia Bulletin*, **2019**, 45, S311-S311 | 1.3 | 78 |
| 232 | The Association Between Familial Risk and Brain Abnormalities Is Disease Specific: An ENIGMA-Relatives Study of Schizophrenia and Bipolar Disorder. *Biological Psychiatry*, **2019**, 86, 545-556 | 7.9 | 33 |
| 231 | Homogenizing Estimates of Heritability Among SOLAR-Eclipse, OpenMx, APACE, and FPHI Software Packages in Neuroimaging Data. *Frontiers in Neuroinformatics*, **2019**, 13, 16 | 3.9 | 15 |
| 230 | Genetic and environmental influences on functional connectivity within and between canonical cortical resting-state networks throughout adolescent development in boys and girls. *NeuroImage*, **2019**, 202, 116073 | 7.9 | 23 |
| 229 | Heritability of Cerebral Blood Flow and the Correlation to Schizophrenia Spectrum Disorders: A Pseudo-continuous Arterial Spin Labeling Twin Study. *Schizophrenia Bulletin*, **2019**, 45, 1231-1241 | 1.3 | 5 |

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| 228 | Genetic architecture of subcortical brain structures in 38,851 individuals. *Nature Genetics*, **2019**, 51, 1624-1636 | 30.5 | 81 |
| 227 | Running in the Family? Structural Brain Abnormalities and IQ in Offspring, Siblings, Parents, and Co-twins of Patients with Schizophrenia. *Schizophrenia Bulletin*, **2019**, 45, 1209-1217 | 1.3 | 8 |
| 226 | Heritability of cerebral glutamate levels and their association with schizophrenia spectrum disorders: a [H]-spectroscopy twin study. *Neuropsychopharmacology*, **2019**, 44, 581-589 | 8.7 | 21 |
| 225 | Genetic Influences on the Development of Cerebral Cortical Thickness During Childhood and Adolescence in a Dutch Longitudinal Twin Sample: The Brainscale Study. *Cerebral Cortex*, **2019**, 29, 978-993 | 5.1 | 24 |
| 224 | Widespread white matter microstructural differences in schizophrenia across 4322 individuals: results from the ENIGMA Schizophrenia DTI Working Group. *Molecular Psychiatry*, **2018**, 23, 1261-1269 | 15.1 | 324 |
| 223 | Detailed T1-Weighted Profiles from the Human Cortex Measured in Vivo at 3 Tesla MRI. *Neuroinformatics*, **2018**, 16, 181-196 | 3.2 | 6 |
| 222 | Genetic vulnerability to DUSP22 promoter hypermethylation is involved in the relation between in utero famine exposure and schizophrenia. *NPJ Schizophrenia*, **2018**, 4, 16 | 5.5 | 20 |
| 221 | Association between structural brain network efficiency and intelligence increases during adolescence. *Human Brain Mapping*, **2018**, 39, 822-836 | 5.9 | 31 |
| 220 | O4.1. GENETIC VULNERABILITY TO DUSP22 PROMOTOR HYPERMETHYLATION IS INVOLVED IN THE RELATION BETWEEN IN UTERO FAMINE EXPOSURE AND SCHIZOPHRENIA. *Schizophrenia Bulletin*, **2018**, 44, S82-S82 | 1.3 | 78 |
| 219 | O4.2. HERITABILITY AND CORRELATION TO SCHIZOPHRENIA SPECTRUM DISORDER OF GLUTAMATE AND OTHER NEUROMETABOLITE LEVELS IN ANTERIOR CINGULATE AND LEFT THALAMUS: A REGISTER BASED MAGNETIC RESONANCE TWIN STUDY. *Schizophrenia Bulletin*, **2018**, | 1.3 | 78 |
| 218 | Cortical Brain Abnormalities in 4474 Individuals With Schizophrenia and 5098 Control Subjects via the Enhancing Neuro Imaging Genetics Through Meta Analysis (ENIGMA) Consortium. *Biological Psychiatry*, **2018**, 84, 644-654 | 7.9 | 325 |
| 217 | ENIGMA and the individual: Predicting factors that affect the brain in 35 countries worldwide. *NeuroImage*, **2017**, 145, 389-408 | 7.9 | 142 |
| 216 | Genetic transmission of reading ability. *Brain and Language*, **2017**, 172, 3-8 | 2.9 | 27 |
| 215 | Novel genetic loci associated with hippocampal volume. *Nature Communications*, **2017**, 8, 13624 | 17.4 | 173 |
| 214 | Associations between subjective well-being and subcortical brain volumes. *Scientific Reports*, **2017**, 7, 6957 | 4.9 | 10 |
| 213 | Human subcortical brain asymmetries in 15,847 people worldwide reveal effects of age and sex. *Brain Imaging and Behavior*, **2017**, 11, 1497-1514 | 4.1 | 87 |
| 212 | Detection of Glutamate Alterations in the Human Brain Using H-MRS: Comparison of STEAM and sLASER at 7 T. *Frontiers in Psychiatry*, **2017**, 8, 60 | 5 | 7 |
| 211 | GABAergic Mechanisms in Schizophrenia: Linking Postmortem and Studies. *Frontiers in Psychiatry*, **2017**, 8, 118 | 5 | 74 |

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| 210 | Intelligence and Brain Efficiency: Investigating the Association between Working Memory Performance, Glutamate, and GABA. *Frontiers in Psychiatry*, **2017**, 8, 154 | 5 | 10 |
| 209 | Genetic influences on individual differences in longitudinal changes in global and subcortical brain volumes: Results of the ENIGMA plasticity working group. *Human Brain Mapping*, **2017**, 38, 4444-4458 | 5.9 | 37 |
| 208 | The impact of chronic fatigue syndrome on cognitive functioning in adolescents. *European Journal of Pediatrics*, **2016**, 175, 245-52 | 4.1 | 16 |
| 207 | Subcortical brain volume abnormalities in 2028 individuals with schizophrenia and 2540 healthy controls via the ENIGMA consortium. *Molecular Psychiatry*, **2016**, 21, 547-53 | 15.1 | 525 |
| 206 | An integrated genetic-epigenetic analysis of schizophrenia: evidence for co-localization of genetic associations and differential DNA methylation. *Genome Biology*, **2016**, 17, 176 | 18.3 | 189 |
| 205 | A study of genetic and environmental contributions to structural brain changes over time in twins concordant and discordant for bipolar disorder. *Journal of Psychiatric Research*, **2016**, 79, 116-124 | 5.2 | 6 |
| 204 | Trajectories of subcortical volume change in schizophrenia: A 5-year follow-up. *Schizophrenia Research*, **2016**, 173, 140-145 | 3.6 | 19 |
| 203 | Connectome organization is related to longitudinal changes in general functioning, symptoms and IQ in chronic schizophrenia. *Schizophrenia Research*, **2016**, 173, 166-173 | 3.6 | 28 |
| 202 | Genetic influences on schizophrenia and subcortical brain volumes: large-scale proof of concept. *Nature Neuroscience*, **2016**, 19, 420-431 | 25.5 | 163 |
| 201 | Accelerated Brain Aging in Schizophrenia: A Longitudinal Pattern Recognition Study. *American Journal of Psychiatry*, **2016**, 173, 607-16 | 11.9 | 197 |
| 200 | Structural Brain Connectivity as a Genetic Marker for Schizophrenia. *JAMA Psychiatry*, **2016**, 73, 11-9 | 14.5 | 39 |
| 199 | Topology of genetic associations between regional gray matter volume and intellectual ability: Evidence for a high capacity network. *NeuroImage*, **2016**, 124, 1044-1053 | 7.9 | 10 |
| 198 | The association between hippocampal volume and life events in healthy twins. *Hippocampus*, **2016**, 26, 1088-95 | 3.5 | 4 |
| 197 | The Computerized Neurocognitive Battery: Validation, aging effects, and heritability across cognitive domains. *Neuropsychology*, **2016**, 30, 53-64 | 3.8 | 31 |
| 196 | No Evidence of Causal Effects of Blood Pressure on Cognition in the Population at Large. *Twin Research and Human Genetics*, **2016**, 19, 17-26 | 2.2 | |
| 195 | Heritability of cortical thickness changes over time in twin pairs discordant for schizophrenia. *Schizophrenia Research*, **2016**, 173, 192-199 | 3.6 | 21 |
| 194 | Genetic Variation in Schizophrenia Liability is Shared With Intellectual Ability and Brain Structure. *Schizophrenia Bulletin*, **2016**, 42, 1167-75 | 1.3 | 17 |
| 193 | Novel genetic loci underlying human intracranial volume identified through genome-wide association. *Nature Neuroscience*, **2016**, 19, 1569-1582 | 25.5 | 147 |

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| 192 | Common genetic variants influence human subcortical brain structures. *Nature*, **2015**, 520, 224-9 | 50.4 | 601 |
| 191 | Longitudinal development of hormone levels and grey matter density in 9 and 12-year-old twins. *Behavior Genetics*, **2015**, 45, 313-23 | 3.2 | 21 |
| 190 | Intelligence: shared genetic basis between Mendelian disorders and a polygenic trait. *European Journal of Human Genetics*, **2015**, 23, 1378-83 | 5.3 | 10 |
| 189 | Genetic and environmental influences on cortical surface area and cortical thickness in bipolar disorder. *Psychological Medicine*, **2015**, 45, 193-204 | 6.9 | 12 |
| 188 | Association of IQ Changes and Progressive Brain Changes in Patients With Schizophrenia. *JAMA Psychiatry*, **2015**, 72, 803-12 | 14.5 | 61 |
| 187 | Domain dependent associations between cognitive functioning and regular voluntary exercise behavior. *Brain and Cognition*, **2015**, 97, 32-9 | 2.7 | 7 |
| 186 | Heritability of fractional anisotropy in human white matter: a comparison of Human Connectome Project and ENIGMA-DTI data. *NeuroImage*, **2015**, 111, 300-11 | 7.9 | 159 |
| 185 | Reciprocal causation models of cognitive vs volumetric cerebral intermediate phenotypes for schizophrenia in a pan-European twin cohort. *Molecular Psychiatry*, **2015**, 20, 1386-96 | 15.1 | 26 |
| 184 | Contribution of genes and unique environment to cross-sectional and longitudinal measures of subcortical volumes in bipolar disorder. *European Neuropsychopharmacology*, **2015**, 25, 2197-209 | 1.2 | 11 |
| 183 | Development of the brain's structural network efficiency in early adolescence: A longitudinal DTI twin study. *Human Brain Mapping*, **2015**, 36, 4938-53 | 5.9 | 42 |
| 182 | Structural MRI Differences between Patients with and without First Rank Symptoms: A Delusion?. *Frontiers in Psychiatry*, **2015**, 6, 107 | 5 | |
| 181 | Changes in thickness and surface area of the human cortex and their relationship with intelligence. *Cerebral Cortex*, **2015**, 25, 1608-17 | 5.1 | 206 |
| 180 | Physical Exercise Keeps the Brain Connected: Biking Increases White Matter Integrity in Patients With Schizophrenia and Healthy Controls. *Schizophrenia Bulletin*, **2015**, 41, 869-78 | 1.3 | 74 |
| 179 | Comparing free water imaging and magnetization transfer measurements in schizophrenia. *Schizophrenia Research*, **2015**, 161, 126-32 | 3.6 | 24 |
| 178 | Genetic basis of a cognitive complexity metric. *PLoS ONE*, **2015**, 10, e0123886 | 3.7 | 14 |
| 177 | Genes contributing to subcortical volumes and intellectual ability implicate the thalamus. *Human Brain Mapping*, **2014**, 35, 2632-42 | 5.9 | 21 |
| 176 | The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. *Brain Imaging and Behavior*, **2014**, 8, 153-82 | 4.1 | 539 |
| 175 | Genome-wide association study of sexual maturation in males and females highlights a role for body mass and menarche loci in male puberty. *Human Molecular Genetics*, **2014**, 23, 4452-64 | 5.6 | 66 |

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| 174 | Parent-of-origin-specific allelic associations among 106 genomic loci for age at menarche. *Nature*, **2014**, 514, 92-97 | 50.4 | 401 |
| 173 | Multi-site study of additive genetic effects on fractional anisotropy of cerebral white matter: Comparing meta and megaanalytical approaches for data pooling. *NeuroImage*, **2014**, 95, 136-50 | 7.9 | 95 |
| 172 | Do we measure gray matter activation with functional diffusion tensor imaging?. *Frontiers in Neuroscience*, **2014**, 8, 126 | 5.1 | |
| 171 | GABA and glutamate in schizophrenia: a 7 T 1H-MRS study. *NeuroImage: Clinical*, **2014**, 6, 398-407 | 5.3 | 102 |
| 170 | Heritability of structural brain network topology: a DTI study of 156 twins. *Human Brain Mapping*, **2014**, 35, 5295-305 | 5.9 | 50 |
| 169 | Genetic associations between intelligence and cortical thickness emerge at the start of puberty. *Human Brain Mapping*, **2014**, 35, 3760-73 | 5.9 | 21 |
| 168 | Association study of fibroblast growth factor genes and brain volumes in schizophrenic patients and healthy controls. *Psychiatric Genetics*, **2014**, 24, 283-4 | 2.9 | |
| 167 | Genetic and environmental stability of intelligence in childhood and adolescence. *Twin Research and Human Genetics*, **2014**, 17, 151-63 | 2.2 | 13 |
| 166 | Development and heritability of subcortical brain volumes at ages 9 and 12. *Genes, Brain and Behavior*, **2014**, 13, 733-42 | 3.6 | 27 |
| 165 | Heritability of brain volume change and its relation to intelligence. *NeuroImage*, **2014**, 100, 676-83 | 7.9 | 25 |
| 164 | Can structural MRI aid in clinical classification? A machine learning study in two independent samples of patients with schizophrenia, bipolar disorder and healthy subjects. *NeuroImage*, **2014**, 84, 299-306 | 7.9 | 151 |
| 163 | Altered white matter connectivity in never-medicated patients with schizophrenia. *Human Brain Mapping*, **2013**, 34, 2353-65 | 5.9 | 53 |
| 162 | Family-wise automatic classification in schizophrenia. *Schizophrenia Research*, **2013**, 149, 108-11 | 3.6 | 5 |
| 161 | A family affair: brain abnormalities in siblings of patients with schizophrenia. *Brain*, **2013**, 136, 3215-26 | 11.2 | 47 |
| 160 | Assessment of system dysfunction in the brain through MRI-based connectomics. *Lancet Neurology, The*, **2013**, 12, 1189-99 | 24.1 | 155 |
| 159 | Disturbed grey matter coupling in schizophrenia. *European Neuropsychopharmacology*, **2013**, 23, 46-54 | 1.2 | 25 |
| 158 | Genetic control of functional brain network efficiency in children. *European Neuropsychopharmacology*, **2013**, 23, 19-23 | 1.2 | 95 |
| 157 | Multi-site genetic analysis of diffusion images and voxelwise heritability analysis: a pilot project of the ENIGMA-DTI working group. *NeuroImage*, **2013**, 81, 455-469 | 7.9 | 278 |

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| 156 | Heritability of subcortical brain measures: a perspective for future genome-wide association studies. *NeuroImage*, **2013**, 83, 98-102 | 7.9 | 67 |
| 155 | Confounders of excessive brain volume loss in schizophrenia. *Neuroscience and Biobehavioral Reviews*, **2013**, 37, 2418-23 | 9 | 55 |
| 154 | Glutamate changes in healthy young adulthood. *European Neuropsychopharmacology*, **2013**, 23, 1484-90 | 1.2 | 27 |
| 153 | Tract-based diffusion tensor imaging in patients with schizophrenia and their non-psychotic siblings. *European Neuropsychopharmacology*, **2013**, 23, 295-304 | 1.2 | 51 |
| 152 | Exercise therapy, cardiorespiratory fitness and their effect on brain volumes: a randomised controlled trial in patients with schizophrenia and healthy controls. *European Neuropsychopharmacology*, **2013**, 23, 675-85 | 1.2 | 91 |
| 151 | Genetic schizophrenia risk variants jointly modulate total brain and white matter volume. *Biological Psychiatry*, **2013**, 73, 525-31 | 7.9 | 87 |
| 150 | Neural networks in psychiatry. *European Neuropsychopharmacology*, **2013**, 23, 1-6 | 1.2 | 29 |
| 149 | IQ change over time in schizophrenia and healthy individuals: a meta-analysis. *Schizophrenia Research*, **2013**, 146, 201-8 | 3.6 | 47 |
| 148 | Abnormal rich club organization and functional brain dynamics in schizophrenia. *JAMA Psychiatry*, **2013**, 70, 783-92 | 14.5 | 463 |
| 147 | Longitudinal study of hormonal and physical development in young twins. *Journal of Clinical Endocrinology and Metabolism*, **2013**, 98, E518-27 | 5.6 | 25 |
| 146 | Glutamate in schizophrenia: a focused review and meta-analysis of $^1$H-MRS studies. *Schizophrenia Bulletin*, **2013**, 39, 120-9 | 1.3 | 327 |
| 145 | How frequent are radiological abnormalities in patients with psychosis? A review of 1379 MRI scans. *Schizophrenia Bulletin*, **2013**, 39, 815-9 | 1.3 | 26 |
| 144 | Brain volumes in schizophrenia: a meta-analysis in over 18 000 subjects. *Schizophrenia Bulletin*, **2013** , 39, 1129-38 | 1.3 | 586 |
| 143 | Functional diffusion tensor imaging at 3 Tesla. *Frontiers in Human Neuroscience*, **2013**, 7, 817 | 3.3 | 17 |
| 142 | Aberrations in the arcuate fasciculus are associated with auditory verbal hallucinations in psychotic and in non-psychotic individuals. *Human Brain Mapping*, **2013**, 34, 626-34 | 5.9 | 59 |
| 141 | Heritability of volumetric brain changes and height in children entering puberty. *Human Brain Mapping*, **2013**, 34, 713-25 | 5.9 | 25 |
| 140 | Relationship between carbohydrate-deficient transferrin, gamma-glutamyl transferase, and mean corpuscular volume levels and alcohol-related brain volume decreases in male drinkers. *Human Psychopharmacology*, **2012**, 27, 559-65 | 2.3 | 2 |
| 139 | Association study of copy number variants with brain volume in schizophrenia patients and healthy controls. *Psychiatry Research*, **2012**, 200, 1011-3 | 9.9 | 6 |

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|---|---|---|---|
| 138 | Identification of common variants associated with human hippocampal and intracranial volumes. *Nature Genetics*, **2012**, 44, 552-61 | 36.3 | 498 |
| 137 | Poster #56 CLASSIFICATION OF SCHIZOPHRENIA PATIENTS AND HEALTHY CONTROLS FROM STRUCTURAL MRI SCANS VERIFIED IN TWO LARGE INDEPENDENT SAMPLES. *Schizophrenia Research*, **2012**, 136, S205 | 3.6 | 1 |
| 136 | The genetic and environmental determinants of the association between brain abnormalities and schizophrenia: the schizophrenia twins and relatives consortium. *Biological Psychiatry*, **2012**, 71, 915-21 | 7.9 | 45 |
| 135 | Genetic influences on thinning of the cerebral cortex during development. *NeuroImage*, **2012**, 59, 3871-80 | 7.9 | 72 |
| 134 | Classification of schizophrenia patients and healthy controls from structural MRI scans in two large independent samples. *NeuroImage*, **2012**, 61, 606-12 | 7.9 | 134 |
| 133 | Symptom dimensions are associated with progressive brain volume changes in schizophrenia. *Schizophrenia Research*, **2012**, 138, 171-6 | 3.6 | 29 |
| 132 | A meta-analysis of the polyunsaturated fatty acid composition of erythrocyte membranes in schizophrenia. *Schizophrenia Research*, **2012**, 141, 153-61 | 3.6 | 82 |
| 131 | White matter development in early puberty: a longitudinal volumetric and diffusion tensor imaging twin study. *PLoS ONE*, **2012**, 7, e32316 | 3.7 | 83 |
| 130 | Tract-based magnetic resonance spectroscopy of the cingulum bundles at 7 T. *Human Brain Mapping*, **2012**, 33, 1503-11 | 5.9 | 10 |
| 129 | Human brain changes across the life span: a review of 56 longitudinal magnetic resonance imaging studies. *Human Brain Mapping*, **2012**, 33, 1987-2002 | 5.9 | 254 |
| 128 | Decreased frontostriatal microstructural organization in attention deficit/hyperactivity disorder. *Human Brain Mapping*, **2012**, 33, 1941-51 | 5.9 | 58 |
| 127 | The course of brain abnormalities in schizophrenia: can we slow the progression?. *Journal of Psychopharmacology*, **2012**, 26, 8-14 | 4.6 | 25 |
| 126 | Focal and global brain measurements in siblings of patients with schizophrenia. *Schizophrenia Bulletin*, **2012**, 38, 814-25 | 1.3 | 42 |
| 125 | Hypothalamus and pituitary volume in schizophrenia: a structural MRI study. *International Journal of Neuropsychopharmacology*, **2012**, 15, 281-8 | 5.8 | 37 |
| 124 | Brain SCALE: brain structure and cognition: an adolescent longitudinal twin study into the genetic etiology of individual differences. *Twin Research and Human Genetics*, **2012**, 15, 453-67 | 2.2 | 42 |
| 123 | Overlapping and segregating structural brain abnormalities in twins with schizophrenia or bipolar disorder. *Archives of General Psychiatry*, **2012**, 69, 349-59 | | 82 |
| 122 | Common variants at 12q14 and 12q24 are associated with hippocampal volume. *Nature Genetics*, **2012**, 44, 545-51 | 36.3 | 175 |
| 121 | Individual differences in EEG spectral power reflect genetic variance in gray and white matter volumes. *Twin Research and Human Genetics*, **2012**, 15, 384-92 | 2.2 | 60 |

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| 120 | Is there change in intelligence quotient in chronically ill schizophrenia patients? A longitudinal study in twins discordant for schizophrenia. *Psychological Medicine*, **2012**, 42, 2535-41 | 6.9 | 7 |
| 119 | Brain volume reductions in medication-naive patients with schizophrenia in relation to intelligence quotient. *Psychological Medicine*, **2012**, 42, 1847-56 | 6.9 | 27 |
| 118 | The brain matures with stronger functional connectivity and decreased randomness of its network. *PLoS ONE*, **2012**, 7, e36896 | 3.7 | 80 |
| 117 | Microstructural alterations of the arcuate fasciculus in schizophrenia patients with frequent auditory verbal hallucinations. *Schizophrenia Research*, **2011**, 130, 68-77 | 3.6 | 73 |
| 116 | Duration of untreated illness in schizophrenia is not associated with 5-year brain volume change. *Schizophrenia Research*, **2011**, 132, 84-90 | 3.6 | 25 |
| 115 | Sex steroids and brain structure in pubertal boys and girls: a mini-review of neuroimaging studies. *Neuroscience*, **2011**, 191, 28-37 | 3.9 | 138 |
| 114 | Impaired cerebellar functional connectivity in schizophrenia patients and their healthy siblings. *Frontiers in Psychiatry*, **2011**, 2, 73 | 5 | 74 |
| 113 | Brain volume changes after withdrawal of atypical antipsychotics in patients with first-episode schizophrenia. *Journal of Clinical Psychopharmacology*, **2011**, 31, 146-53 | 1.7 | 47 |
| 112 | Sex steroids and connectivity in the human brain: a review of neuroimaging studies. *Psychoneuroendocrinology*, **2011**, 36, 1101-13 | 5 | 137 |
| 111 | Heritability of verbal and performance intelligence in a pediatric longitudinal sample. *Twin Research and Human Genetics*, **2011**, 14, 119-28 | 2.2 | 68 |
| 110 | Exploraci□ de la red cerebral: una revisi□ de la conectividad funcional en la RMf en estado de reposo. *Psiquiatria Biologica*, **2011**, 18, 28-41 | 0.2 | 9 |
| 109 | Changes in cortical thickness during the course of illness in schizophrenia. *Archives of General Psychiatry*, **2011**, 68, 871-80 | | 267 |
| 108 | Motor network degeneration in amyotrophic lateral sclerosis: a structural and functional connectivity study. *PLoS ONE*, **2010**, 5, e13664 | 3.7 | 132 |
| 107 | Aberrant frontal and temporal complex network structure in schizophrenia: a graph theoretical analysis. *Journal of Neuroscience*, **2010**, 30, 15915-26 | 6.6 | 504 |
| 106 | Brain plasticity and intellectual ability are influenced by shared genes. *Journal of Neuroscience*, **2010**, 30, 5519-24 | 6.6 | 77 |
| 105 | Tract-based analysis of magnetization transfer ratio and diffusion tensor imaging of the frontal and frontotemporal connections in schizophrenia. *Schizophrenia Bulletin*, **2010**, 36, 778-87 | 1.3 | 74 |
| 104 | Genetic and environmental influences on focal brain density in bipolar disorder. *Brain*, **2010**, 133, 3080-92 | 11.2 | 41 |
| 103 | Heritability of DTI and MTR in nine-year-old children. *NeuroImage*, **2010**, 53, 1085-92 | 7.9 | 62 |

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| 102 | Exploring the brain network: a review on resting-state fMRI functional connectivity. *European Neuropsychopharmacology*, **2010**, 20, 519-34 | 1.2 | 1915 |
| 101 | Cigarette smoking and progressive brain volume loss in schizophrenia. *European Neuropsychopharmacology*, **2010**, 20, 454-8 | 1.2 | 17 |
| 100 | Cortical thickness and voxel-based morphometry in depressed elderly. *European Neuropsychopharmacology*, **2010**, 20, 398-404 | 1.2 | 47 |
| 99 | Cannabis use and progressive cortical thickness loss in areas rich in CB1 receptors during the first five years of schizophrenia. *European Neuropsychopharmacology*, **2010**, 20, 855-65 | 1.2 | 66 |
| 98 | Segmentation of MRI brain scans using non-uniform partial volume densities. *NeuroImage*, **2010**, 49, 467-77 | 7.9 | 41 |
| 97 | Specific somatotopic organization of functional connections of the primary motor network during resting state. *Human Brain Mapping*, **2010**, 31, 631-44 | 5.9 | 57 |
| 96 | Effects of gestational age and birth weight on brain volumes in healthy 9 year-old children. *Journal of Pediatrics*, **2010**, 156, 896-901 | 3.6 | 28 |
| 95 | HPG-axis hormones during puberty: a study on the association with hypothalamic and pituitary volumes. *Psychoneuroendocrinology*, **2010**, 35, 133-40 | 5 | 41 |
| 94 | Mapping reliability in multicenter MRI: voxel-based morphometry and cortical thickness. *Human Brain Mapping*, **2010**, 31, 1967-82 | 5.9 | 61 |
| 93 | Effects of brain-derived neurotrophic factor Val66Met polymorphism on hippocampal volume change in schizophrenia. *Hippocampus*, **2010**, 20, 1010-7 | 3.5 | 43 |
| 92 | Hippocampal volume change in schizophrenia. *Journal of Clinical Psychiatry*, **2010**, 71, 737-44 | 4.6 | 43 |
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