# Theo G M Van Erp

List of Publications by Year
in descending order



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|---|---|---|---|
| 105 papers | 10,269 citations | 50276 46 h-index | 42399 92 g-index |
| 118 all docs | 118 docs citations | 118 times ranked | 12296 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | In vivo hippocampal subfield volumes in bipolar disorderâ€"A megaâ€analysis from The Enhancing Neuro Imaging Genetics through <scp>Metaâ€Analysis</scp> 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 highâ€risk for schizophrenia or bipolar disorder. Human Brain Mapping, 2022, 43, 414-430. | 3.6 | 14 |
| 3 | Intracranial and subcortical volumes in adolescents with <scp>earlyâ€onset</scp> psychosis: A multisite <scp>megaâ€analysis</scp> from the <scp>ENIGMA</scp> consortium. Human Brain Mapping, 2022, 43, 373-384. | 3.6 | 27 |
| 4 | Mapping brain asymmetry in health and disease through the <scp>ENIGMA</scp> consortium. Human Brain Mapping, 2022, 43, 167-181. | 3.6 | 89 |
| 5 | Translating <scp>ENIGMA</scp> schizophrenia findings using the regional vulnerability index: Association with cognition, symptoms, and disease trajectory. Human Brain Mapping, 2022, 43, 566-575. | 3.6 | 25 |
| 6 | ENIGMAâ€DTI: Translating reproducible white matter deficits into personalized vulnerability metrics in crossâ€diagnostic psychiatric research. Human Brain Mapping, 2022, 43, 194-206. | 3.6 | 52 |
| 7 | Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3â€"90â€‰years. Human Brain Mapping, 2022, 43, 431-451. | 3.6 | 143 |
| 8 | Subcortical volumes across the lifespan: Data from 18,605 healthy individuals aged 3â€"90â€‰years. Human Brain Mapping, 2022, 43, 452-469. | 3.6 | 72 |
| 9 | A <scp>metaâ€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 |
| 10 | <scp>FreeSurfer</scp>â€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 |
| 11 | 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 |
| 12 | Selective Impairment of Long-Range Default Mode Network Functional Connectivity as a Biomarker for Preclinical Alzheimerâ€™s Disease in People with Down Syndrome. Journal of Alzheimer's Disease, 2022, 85, 153-165. | 2.6 | 3 |
| 13 | ENIGMAâ€‰+â€‰COINSTAC: Improving Findability, Accessibility, Interoperability, and Re-usability. Neuroinformatics, 2022, 20, 261-275. | 2.8 | 5 |
| 14 | 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. Psychiatry and Clinical Neurosciences, 2022, 76, 140-161. | 1.8 | 27 |
| 15 | Building Models of Functional Interactions Among Brain Domains that Encode Varying Information Complexity: A Schizophrenia Case Study. Neuroinformatics, 2022, 20, 777-791. | 2.8 | 0 |
| 16 | Virtual Ontogeny of Cortical Growth Preceding Mental Illness. Biological Psychiatry, 2022, 92, 299-313. | 1.3 | 11 |
| 17 | Path analysis: A method to estimate altered pathways in time-varying graphs of neuroimaging data. Network Neuroscience, 2022, 6, 634-664. | 2.6 | 2 |
| 18 | Validation of ketamine as a pharmacological model of thalamic dysconnectivity across the illness course of schizophrenia. Molecular Psychiatry, 2022, 27, 2448-2456. | 7.9 | 15 |

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|---|---|---|---|
| 19 | A new multimodality fusion classification approach to explore the uniqueness of schizophrenia and autism spectrum disorder. Human Brain Mapping, 2022, 43, 3887-3903. | 3.6 | 10 |
| 20 | Obesity and brain structure in schizophrenia â€“ ENIGMA study in 3021 individuals. Molecular Psychiatry, 2022, 27, 3731-3737. | 7.9 | 17 |
| 21 | 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 |
| 22 | Cross-paradigm connectivity: reliability, stability, and utility. Brain Imaging and Behavior, 2021, 15, 614-629. | 2.1 | 7 |
| 23 | Aberrant Dynamic Functional Connectivity of Default Mode Network in Schizophrenia and Links to Symptom Severity. Frontiers in Neural Circuits, 2021, 15, 649417. | 2.8 | 42 |
| 24 | 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 |
| 25 | Sparse deep neural networks on imaging genetics for schizophrenia caseâ€“control classification. Human Brain Mapping, 2021, 42, 2556-2568. | 3.6 | 17 |
| 26 | Association of Structural Magnetic Resonance Imaging Measures With Psychosis Onset in Individuals at Clinical High Risk for Developing Psychosis. JAMA Psychiatry, 2021, 78, 753. | 11.0 | 74 |
| 27 | Structural brain imaging studies offer clues about the effects of the shared genetic etiology among neuropsychiatric disorders. Molecular Psychiatry, 2021, 26, 2101-2110. | 7.9 | 53 |
| 28 | Interactive impact of childhood maltreatment, depression, and age on cortical brain structure: mega-analytic findings from a large multi-site cohort. Psychological Medicine, 2020, 50, 1020-1031. | 4.5 | 59 |
| 29 | Dentate gyrus volume deficit in schizophrenia. Psychological Medicine, 2020, 50, 1267-1277. | 4.5 | 20 |
| 30 | N-BiC: A Method for Multi-Component and Symptom Biclustering of Structural MRI Data: Application to Schizophrenia. IEEE Transactions on Biomedical Engineering, 2020, 67, 110-121. | 4.2 | 22 |
| 31 | Large-scale mapping of cortical alterations in 22q11.2 deletion syndrome: Convergence with idiopathic psychosis and effects of deletion size. Molecular Psychiatry, 2020, 25, 1822-1834. | 7.9 | 122 |
| 32 | Oxytocin Enhances an Amygdala Circuit Associated With Negative Symptoms in Schizophrenia: A Single-Dose, Placebo-Controlled, Crossover, Randomized Control Trial. Schizophrenia Bulletin, 2020, 46, 661-669. | 4.3 | 12 |
| 33 | White matter microstructural alterations across four major psychiatric disorders: mega-analysis study in 2937 individuals. Molecular Psychiatry, 2020, 25, 883-895. | 7.9 | 170 |
| 34 | Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. Nature Communications, 2020, 11, 4796. | 12.8 | 61 |
| 35 | Brain amyloid and the transition to dementia in Down syndrome. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2020, 12, e12126. | 2.4 | 4 |
| 36 | Effect of brexpiprazole on control of impulsivity in schizophrenia: A randomized functional magnetic resonance imaging study. Psychiatry Research - Neuroimaging, 2020, 301, 111085. | 1.8 | 11 |

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|---|---|---|---|
| 37 | Subcortical Brain Volume, Regional Cortical Thickness, and Cortical Surface Area Across Disorders: Findings From the ENIGMA ADHD, ASD, and OCD Working Groups. American Journal of Psychiatry, 2020, 177, 834-843. | 7.2 | 120 |
| 38 | 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 |
| 39 | The genetic architecture of the human cerebral cortex. Science, 2020, 367, . | 12.6 | 450 |
| 40 | The Relationship Between White Matter Microstructure and General Cognitive Ability in Patients With Schizophrenia and Healthy Participants in the ENIGMA Consortium. American Journal of Psychiatry, 2020, 177, 537-547. | 7.2 | 49 |
| 41 | Covarying structural alterations in laterality of the temporal lobe in schizophrenia: A case for sourceâ€based laterality. NMR in Biomedicine, 2020, 33, e4294. | 2.8 | 6 |
| 42 | Differences in fractional anisotropy between the patients with schizophrenia and healthy comparison subjects. Molecular Psychiatry, 2020, 25, 697-698. | 7.9 | 2 |
| 43 | Characterizing Whole Brain Temporal Variation of Functional Connectivity via Zero and First Order Derivatives of Sliding Window Correlations. Frontiers in Neuroscience, 2019, 13, 634. | 2.8 | 17 |
| 44 | Altered Domain Functional Network Connectivity Strength and Randomness in Schizophrenia. Frontiers in Psychiatry, 2019, 10, 499. | 2.6 | 6 |
| 45 | 10Kin1day: A Bottom-Up Neuroimaging Initiative. Frontiers in Neurology, 2019, 10, 425. | 2.4 | 15 |
| 46 | 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. | 1.3 | 67 |
| 47 | Brain Imaging of the Cortex in ADHD: A Coordinated Analysis of Large-Scale Clinical and Population-Based Samples. American Journal of Psychiatry, 2019, 176, 531-542. | 7.2 | 261 |
| 48 | The spatial chronnectome reveals a dynamic interplay between functional segregation and integration. Human Brain Mapping, 2019, 40, 3058-3077. | 3.6 | 67 |
| 49 | Genetic architecture of subcortical brain structures in 38,851 individuals. Nature Genetics, 2019, 51, 1624-1636. | 21.4 | 192 |
| 50 | Salienceâ€“Default Mode Functional Network Connectivity Linked to Positive and Negative Symptoms of Schizophrenia. Schizophrenia Bulletin, 2019, 45, 892-901. | 4.3 | 71 |
| 51 | Altered Brain Activation During Memory Retrieval Precedes and Predicts Conversion to Psychosis in Individuals at Clinical High Risk. Schizophrenia Bulletin, 2019, 45, 924-933. | 4.3 | 14 |
| 52 | Spatial dynamics within and between brain functional domains: A hierarchical approach to study timeâ€varying brain function. Human Brain Mapping, 2019, 40, 1969-1986. | 3.6 | 52 |
| 53 | Reply to: New Meta- and Mega-analyses of Magnetic Resonance Imaging Findings in Schizophrenia: Do They Really Increase Our Knowledge About the Nature of the Disease Process?. Biological Psychiatry, 2019, 85, e35-e39. | 1.3 | 5 |
| 54 | A framework for linking resting-state chronnectome/genome features in schizophrenia: A pilot study. NeuroImage, 2019, 184, 843-854. | 4.2 | 24 |

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|---|---|---|---|
| 55 | Shared Genetic Risk of Schizophrenia and Gray Matter Reduction in 6p22.1. Schizophrenia Bulletin, 2019, 45, 222-232. | 4.3 | 31 |
| 56 | Toward Leveraging Human Connectomic Data in Large Consortia: Generalizability of fMRI-Based Brain Graphs Across Sites, Sessions, and Paradigms. Cerebral Cortex, 2019, 29, 1263-1279. | 2.9 | 55 |
| 57 | Hippocampal Subregions Across the Psychosis Spectrum. Schizophrenia Bulletin, 2018, 44, 1091-1099. | 4.3 | 49 |
| 58 | Disrupted network cross talk, hippocampal dysfunction and hallucinations in schizophrenia. Schizophrenia Research, 2018, 199, 226-234. | 2.0 | 29 |
| 59 | Multimodal Fusion With Reference: Searching for Joint Neuromarkers of Working Memory Deficits in Schizophrenia. IEEE Transactions on Medical Imaging, 2018, 37, 93-105. | 8.9 | 65 |
| 60 | Cerebello-thalamo-cortical hyperconnectivity as a state-independent functional neural signature for psychosis prediction and characterization. Nature Communications, 2018, 9, 3836. | 12.8 | 156 |
| 61 | Hippocampal subregion abnormalities in schizophrenia: A systematic review of structural and physiological imaging studies. Neuropsychopharmacology Reports, 2018, 38, 156-166. | 2.3 | 58 |
| 62 | 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. | 1.3 | 627 |
| 63 | Mapping cortical brain asymmetry in 17,141 healthy individuals worldwide via the ENIGMA Consortium. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E5154-E5163. | 7.1 | 299 |
| 64 | Hippocampal Pathophysiology: Commonality Shared by Temporal Lobe Epilepsy and Psychiatric Disorders. Neuroscience Journal, 2018, 2018, 1-9. | 2.5 | 38 |
| 65 | Use of Machine Learning to Determine Deviance in Neuroanatomical Maturity Associated With Future Psychosis in Youths at Clinically High Risk. JAMA Psychiatry, 2018, 75, 960. | 11.0 | 114 |
| 66 | Multimodal neuromarkers in schizophrenia via cognition-guided MRI fusion. Nature Communications, 2018, 9, 3028. | 12.8 | 127 |
| 67 | Polygenic risk score, genome-wide association, and gene set analyses of cognitive domain deficits in schizophrenia. Schizophrenia Research, 2018, 201, 393-399. | 2.0 | 19 |
| 68 | Modality-Dependent Impact of Hallucinations on Low-Frequency Fluctuations in Schizophrenia. Schizophrenia Bulletin, 2017, 43, sbw093. | 4.3 | 37 |
| 69 | ENIGMA and the individual: Predicting factors that affect the brain in 35 countries worldwide. NeuroImage, 2017, 145, 389-408. | 4.2 | 173 |
| 70 | Novel genetic loci associated with hippocampal volume. Nature Communications, 2017, 8, 13624. | 12.8 | 250 |
| 71 | Subcortical brain volume differences in participants with attention deficit hyperactivity disorder in children and adults: a cross-sectional mega-analysis. Lancet Psychiatry,the, 2017, 4, 310-319. | 7.4 | 565 |
| 72 | Inferring pathobiology from structural MRI in schizophrenia and bipolar disorder: Modeling head motion and neuroanatomical specificity. Human Brain Mapping, 2017, 38, 3757-3770. | 3.6 | 18 |

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|---|---|---|---|
| 73 | Childhood adversity impacts on brain subcortical structures relevant to depression. Journal of Psychiatric Research, 2017, 86, 58-65. | 3.1 | 81 |
| 74 | Biclustered Independent Component Analysis for Complex Biomarker and Subtype Identification from Structural Magnetic Resonance Images in Schizophrenia. Frontiers in Psychiatry, 2017, 8, 179. | 2.6 | 25 |
| 75 | Disrupted Working Memory Circuitry in Adolescent Psychosis. Frontiers in Human Neuroscience, 2017, 11, 394. | 2.0 | 4 |
| 76 | Machine Learning for Large-Scale Quality Control of 3D Shape Models in Neuroimaging. Lecture Notes in Computer Science, 2017, 10541, 371-378. | 1.3 | 4 |
| 77 | Heritability of Hippocampal Formation Sub-region Volumes. Journal of Neurology and Neuroscience, 2016, 07, . | 0.4 | 16 |
| 78 | Pallidum and lateral ventricle volume enlargement in autism spectrum disorder. Psychiatry Research - Neuroimaging, 2016, 252, 40-45. | 1.8 | 54 |
| 79 | Novel genetic loci underlying human intracranial volume identified through genome-wide association. Nature Neuroscience, 2016, 19, 1569-1582. | 14.8 | 213 |
| 80 | Heritability and reliability of automatically segmented human hippocampal formation subregions. NeuroImage, 2016, 128, 125-137. | 4.2 | 107 |
| 81 | ADHD and cannabis use in young adults examined using fMRI of a Go/NoGo task. Brain Imaging and Behavior, 2016, 10, 761-771. | 2.1 | 31 |
| 82 | The Function Biomedical Informatics Research Network Data Repository. NeuroImage, 2016, 124, 1074-1079. | 4.2 | 114 |
| 83 | Functional Magnetic Resonance Imaging of Motor Cortex Activation in Schizophrenia. Journal of Korean Medical Science, 2015, 30, 625. | 2.5 | 2 |
| 84 | Multidimensional frequency domain analysis of full-volume fMRI reveals significant effects of age, gender, and mental illness on the spatiotemporal organization of resting-state brain activity. Frontiers in Neuroscience, 2015, 9, 203. | 2.8 | 14 |
| 85 | Neuropsychological profile in adult schizophrenia measured with the CMINDS. Psychiatry Research, 2015, 230, 826-834. | 3.3 | 45 |
| 86 | Patterns of Gray Matter Abnormalities in Schizophrenia Based on an International Mega-analysis. Schizophrenia Bulletin, 2015, 41, 1133-1142. | 4.3 | 183 |
| 87 | Contributions of Feature Binding During Encoding and Functional Connectivity of the Medial Temporal Lobe Structures to Episodic Memory Deficits Across the Prodromal and First-Episode Phases of Schizophrenia. Clinical Psychological Science, 2015, 3, 159-174. | 4.0 | 21 |
| 88 | Relating Intrinsic Low-Frequency BOLD Cortical Oscillations to Cognition in Schizophrenia. Neuropsychopharmacology, 2015, 40, 2705-2714. | 5.4 | 68 |
| 89 | Association of Thalamic Dysconnectivity and Conversion to Psychosis in Youth and Young Adults at Elevated Clinical Risk. JAMA Psychiatry, 2015, 72, 882. | 11.0 | 284 |
| 90 | Progressive Reduction in Cortical Thickness as Psychosis Develops: A Multisite Longitudinal Neuroimaging Study of Youth at Elevated Clinical Risk. Biological Psychiatry, 2015, 77, 147-157. | 1.3 | 516 |

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|---|---|---|---|
| 91 | Visual Hallucinations Are Associated With Hyperconnectivity Between the Amygdala and Visual Cortex in People With a Diagnosis of Schizophrenia. Schizophrenia Bulletin, 2015, 41, 223-232. | 4.3 | 104 |
| 92 | Reliability of neuroanatomical measurements in a multisite longitudinal study of youth at risk for psychosis. Human Brain Mapping, 2014, 35, 2424-2434. | 3.6 | 76 |
| 93 | A multi-scanner study of subcortical brain volume abnormalities in schizophrenia. Psychiatry Research - Neuroimaging, 2014, 222, 10-16. | 1.8 | 39 |
| 94 | The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. Brain Imaging and Behavior, 2014, 8, 153-182. | 2.1 | 696 |
| 95 | Imaging Genetics Approaches to Identify Mechanisms in Severe Mental Illness. Biological Psychiatry, 2014, 76, 436-437. | 1.3 | 1 |
| 96 | D<sub>2</sub>receptor occupancy following lurasidone treatment in patients with schizophrenia or schizoaffective disorder. CNS Spectrums, 2014, 19, 176-181. | 1.2 | 20 |
| 97 | A multi-site resting state fMRI study on the amplitude of low frequency fluctuations in schizophrenia. Frontiers in Neuroscience, 2013, 7, 137. | 2.8 | 144 |
| 98 | Identification of common variants associated with human hippocampal and intracranial volumes. Nature Genetics, 2012, 44, 552-561. | 21.4 | 594 |
| 99 | Function biomedical informatics research network recommendations for prospective multicenter functional MRI studies. Journal of Magnetic Resonance Imaging, 2012, 36, 39-54. | 3.4 | 201 |
| 100 | Hippocampal morphology in lithium and nonâ€lithiumâ€treated bipolar I disorder patients, nonâ€bipolar coâ€twins, and control twins. Human Brain Mapping, 2012, 33, 501-510. | 3.6 | 58 |
| 101 | Infrastructure for sharing standardized clinical brain scans across hospitals. , 2011, , . | | 2 |
| 102 | Alterations in Midline Cortical Thickness and Gyrification Patterns Mapped in Children with 22q11.2 Deletions. Cerebral Cortex, 2009, 19, 115-126. | 2.9 | 75 |
| 103 | Voxel-based Morphometric Multisite Collaborative Study on Schizophrenia. Schizophrenia Bulletin, 2009, 35, 82-95. | 4.3 | 117 |
| 104 | Progressive brain structural changes mapped as psychosis develops in â€˜at riskâ€™ individuals. Schizophrenia Research, 2009, 108, 85-92. | 2.0 | 273 |
| 105 | Mapping Cortical Thickness in Children with 22q11.2 Deletions. Cerebral Cortex, 2007, 17, 1889-1898. | 2.9 | 88 |