Theo G M Van Erp

List of Publications by Year
in descending order

| 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	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. Brain Imaging and Behavior, 2014, 8, 153-182.	2.1	696
2	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
3	Identification of common variants associated with human hippocampal and intracranial volumes. Nature Genetics, 2012, 44, 552-561.	21.4	594
4	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
5	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
6	The genetic architecture of the human cerebral cortex. Science, 2020, 367, .	12.6	450
7	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
8	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
9	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
10	Progressive brain structural changes mapped as psychosis develops in 'at risk' individuals. Schizophrenia Research, 2009, 108, 85-92.	2.0	273
11	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
12	Novel genetic loci associated with hippocampal volume. Nature Communications, 2017, 8, 13624.	12.8	250
13	Novel genetic loci underlying human intracranial volume identified through genome-wide association. Nature Neuroscience, 2016, 19, 1569-1582.	14.8	213
14	Function biomedical informatics research network recommendations for prospective multicenter functional MRI studies. Journal of Magnetic Resonance Imaging, 2012, 36, 39-54.	3.4	201
15	Genetic architecture of subcortical brain structures in 38,851 individuals. Nature Genetics, 2019, 51, 1624-1636.	21.4	192
16	Patterns of Gray Matter Abnormalities in Schizophrenia Based on an International Mega-analysis. Schizophrenia Bulletin, 2015, 41, 1133-1142.	4.3	183
17	ENIGMA and the individual: Predicting factors that affect the brain in 35 countries worldwide. NeuroImage, 2017, 145, 389-408.	4.2	173
18	White matter microstructural alterations across four major psychiatric disorders: mega-analysis study in 2937 individuals. Molecular Psychiatry, 2020, 25, 883-895.	7.9	170

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19	Cerebello-thalamo-cortical hyperconnectivity as a state-independent functional neural signature for psychosis prediction and characterization. Nature Communications, 2018, 9, 3836.	12.8	156
20	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
21	Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3–90 years. Human Brain Mapping, 2022, 43, 431-451.	3.6	143
22	Multimodal neuromarkers in schizophrenia via cognition-guided MRI fusion. Nature Communications, 2018, 9, 3028.	12.8	127
23	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
24	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
25	Voxel-based Morphometric Multisite Collaborative Study on Schizophrenia. Schizophrenia Bulletin, 2009, 35, 82-95.	4.3	117
26	The Function Biomedical Informatics Research Network Data Repository. NeuroImage, 2016, 124, 1074-1079.	4.2	114
27	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
28	Heritability and reliability of automatically segmented human hippocampal formation subregions. NeuroImage, 2016, 128, 125-137.	4.2	107
29	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
30	Mapping brain asymmetry in health and disease through the <scp>ENIGMA</scp> consortium. Human Brain Mapping, 2022, 43, 167-181.	3.6	89
31	Mapping Cortical Thickness in Children with 22q11.2 Deletions. Cerebral Cortex, 2007, 17, 1889-1898.	2.9	88
32	Childhood adversity impacts on brain subcortical structures relevant to depression. Journal of Psychiatric Research, 2017, 86, 58-65.	3.1	81
33	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
34	Alterations in Midline Cortical Thickness and Gyrification Patterns Mapped in Children with 22q11.2 Deletions. Cerebral Cortex, 2009, 19, 115-126.	2.9	75
35	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
36	Subcortical volumes across the lifespan: Data from 18,605 healthy individuals aged 3–90 years. Human Brain Mapping, 2022, 43, 452-469.	3.6	72

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37	Salienceâ€"Default Mode Functional Network Connectivity Linked to Positive and Negative Symptoms of Schizophrenia. Schizophrenia Bulletin, 2019, 45, 892-901.	4.3	71
38	Relating Intrinsic Low-Frequency BOLD Cortical Oscillations to Cognition in Schizophrenia. Neuropsychopharmacology, 2015, 40, 2705-2714.	5.4	68
39	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
40	The spatial chronnectome reveals a dynamic interplay between functional segregation and integration. Human Brain Mapping, 2019, 40, 3058-3077.	3.6	67
41	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
42	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
43	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
44	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
45	Hippocampal subregion abnormalities in schizophrenia: A systematic review of structural and physiological imaging studies. Neuropsychopharmacology Reports, 2018, 38, 156-166.	2.3	58
46	<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
47	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
48	Pallidum and lateral ventricle volume enlargement in autism spectrum disorder. Psychiatry Research - Neuroimaging, 2016, 252, 40-45.	1.8	54
49	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
50	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
51	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
52	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
53	Hippocampal Subregions Across the Psychosis Spectrum. Schizophrenia Bulletin, 2018, 44, 1091-1099.	4.3	49
54	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

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55	Neuropsychological profile in adult schizophrenia measured with the CMINDS. Psychiatry Research, 2015, 230, 826-834.	3.3	45
56	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
57	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
58	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
59	A multi-scanner study of subcortical brain volume abnormalities in schizophrenia. Psychiatry Research - Neuroimaging, 2014, 222, 10-16.	1.8	39
60	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
61	Hippocampal Pathophysiology: Commonality Shared by Temporal Lobe Epilepsy and Psychiatric Disorders. Neuroscience Journal, 2018, 2018, 1-9.	2.5	38
62	Modality-Dependent Impact of Hallucinations on Low-Frequency Fluctuations in Schizophrenia. Schizophrenia Bulletin, 2017, 43, sbw093.	4.3	37
63	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
64	Shared Genetic Risk of Schizophrenia and Gray Matter Reduction in 6p22.1. Schizophrenia Bulletin, 2019, 45, 222-232.	4.3	31
65	Disrupted network cross talk, hippocampal dysfunction and hallucinations in schizophrenia. Schizophrenia Research, 2018, 199, 226-234.	2.0	29
66	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
67	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
68	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
69	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
70	A framework for linking resting-state chronnectome/genome features in schizophrenia: A pilot study. NeuroImage, 2019, 184, 843-854.	4.2	24
71	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
72	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

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73	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
74	D_2 receptor occupancy following lurasidone treatment in patients with schizophrenia or schizoaffective disorder. CNS Spectrums, 2014, 19, 176-181.	1.2	20
75	Dentate gyrus volume deficit in schizophrenia. Psychological Medicine, 2020, 50, 1267-1277.	4.5	20
76	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
77	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
78	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
79	Sparse deep neural networks on imaging genetics for schizophrenia caseâ€"control classification. Human Brain Mapping, 2021, 42, 2556-2568.	3.6	17
80	Obesity and brain structure in schizophrenia â€" ENIGMA study in 3021 individuals. Molecular Psychiatry, 2022, 27, 3731-3737.	7.9	17
81	Heritability of Hippocampal Formation Sub-region Volumes. Journal of Neurology and Neuroscience, 2016, 07, .	0.4	16
82	10Kin1day: A Bottom-Up Neuroimaging Initiative. Frontiers in Neurology, 2019, 10, 425.	2.4	15
83	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
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	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
86	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
87	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
88	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
89	Virtual Ontogeny of Cortical Growth Preceding Mental Illness. Biological Psychiatry, 2022, 92, 299-313.	1.3	11
90	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

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91	Cross-paradigm connectivity: reliability, stability, and utility. Brain Imaging and Behavior, 2021, 15, 614-629.	2.1	7
92	Altered Domain Functional Network Connectivity Strength and Randomness in Schizophrenia. Frontiers in Psychiatry, 2019, 10, 499.	2.6	6
93	Covarying structural alterations in laterality of the temporal lobe in schizophrenia: A case for source‐based laterality. NMR in Biomedicine, 2020, 33, e4294.	2.8	6
94	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
95	ENIGMA‰+‰COINSTAC: Improving Findability, Accessibility, Interoperability, and Re-usability. Neuroinformatics, 2022, 20, 261-275.	2.8	5
96	Disrupted Working Memory Circuitry in Adolescent Psychosis. Frontiers in Human Neuroscience, 2017, 11, 394.	2.0	4
97	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
98	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
99	Selective Impairment of Long-Range Default Mode Network Functional Connectivity as a Biomarker for Preclinical Alzheimer's Disease in People with Down Syndrome. Journal of Alzheimer's Disease, 2022, 85, 153-165.	2.6	3
100	Infrastructure for sharing standardized clinical brain scans across hospitals. , 2011, , .		2
101	Functional Magnetic Resonance Imaging of Motor Cortex Activation in Schizophrenia. Journal of Korean Medical Science, 2015, 30, 625.	2.5	2
102	Differences in fractional anisotropy between the patients with schizophrenia and healthy comparison subjects. Molecular Psychiatry, 2020, 25, 697-698.	7.9	2
103	Path analysis: A method to estimate altered pathways in time-varying graphs of neuroimaging data. Network Neuroscience, 2022, 6, 634-664.	2.6	2
104	Imaging Genetics Approaches to Identify Mechanisms in Severe Mental Illness. Biological Psychiatry, 2014, 76, 436-437.	1.3	1
105	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