Roel A Ophoff

List of Publications by Year
in descending order

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123 papers	21,762 citations	26610 56 h-index	13365 130 g-index
144 all docs	144 docs citations	144 times ranked	27332 citing authors

#	Article	IF	Citations
1	What we learn about bipolar disorder from largeâ€scale neuroimaging: Findings and future directions from the <scp>ENIGMA</scp> Bipolar Disorder Working Group. Human Brain Mapping, 2022, 43, 56-82.	1.9	67
2	Effects of copy number variations on brain structure and risk for psychiatric illness: Largeâ€scale studies from the<scp>ENIGMA</scp>working groups on<scp>CNVs</scp>. Human Brain Mapping, 2022, 43, 300-328.	1.9	30
3	Sex-Dependent Shared and Nonshared Genetic Architecture Across Mood and Psychotic Disorders. Biological Psychiatry, 2022, 91, 102-117.	0.7	61
4	Genetic variants associated with longitudinal changes in brain structure across the lifespan. Nature Neuroscience, 2022, 25, 421-432.	7.1	75
5	Mapping genomic loci implicates genes and synaptic biology in schizophrenia. Nature, 2022, 604, 502-508.	13.7	929
6	Rare coding variants in ten genes confer substantial risk for schizophrenia. Nature, 2022, 604, 509-516.	13.7	326
7	Diagnosis of bipolar disorders and body mass index predict clustering based on similarities in cortical thicknessâ€"ENIGMA study in 2436 individuals. Bipolar Disorders, 2022, 24, 509-520.	1.1	5
8	Exome sequencing in bipolar disorder identifies AKAP11 as a risk gene shared with schizophrenia. Nature Genetics, 2022, 54, 541-547.	9.4	65
9	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.	4.1	34
10	Genetic copy number variants, cognition and psychosis: a meta-analysis and a family study. Molecular Psychiatry, 2021, 26, 5307-5319.	4.1	18
11	Shared genetic risk between eating disorderâ€and substanceâ€useâ€related phenotypes: Evidence from genomeâ€wide association studies. Addiction Biology, 2021, 26, e12880.	1.4	28
12	Genome-wide association study identifies 48 common genetic variants associated with handedness. Nature Human Behaviour, 2021, 5, 59-70.	6.2	79
13	Virtual Histology of Cortical Thickness and Shared Neurobiology in 6 Psychiatric Disorders. JAMA Psychiatry, 2021, 78, 47.	6.0	136
14	Genetic analysis of activity, brain and behavioral associations in extended families with heavy genetic loading for bipolar disorder. Psychological Medicine, 2021, 51, 494-502.	2.7	6
15	1q21.1 distal copy number variants are associated with cerebral and cognitive alterations in humans. Translational Psychiatry, 2021, 11, 182.	2.4	24
16	Association between body mass index and subcortical brain volumes in bipolar disordersâ€"ENIGMA study in 2735 individuals. Molecular Psychiatry, 2021, 26, 6806-6819.	4.1	24
17	Gene Expression Imputation Across Multiple Tissue Types Provides Insight Into the Genetic Architecture of Frontotemporal Dementia and Its Clinical Subtypes. Biological Psychiatry, 2021, 89, 825-835.	0.7	10
18	Accelerated aging in the brain, epigenetic aging in blood, and polygenic risk for schizophrenia. Schizophrenia Research, 2021, 231, 189-197.	1.1	30

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19	Genome-wide association study of more than 40,000 bipolar disorder cases provides new insights into the underlying biology. Nature Genetics, 2021, 53, 817-829.	9.4	629
20	Genome-wide analyses of smoking behaviors in schizophrenia: Findings from the Psychiatric Genomics Consortium. Journal of Psychiatric Research, 2021, 137, 215-224.	1.5	10
21	Characterisation of age and polarity at onset in bipolar disorder. British Journal of Psychiatry, 2021, 219, 659-669.	1.7	20
22	Genetic and clinical analyses of psychosis spectrum symptoms in a large multiethnic youth cohort reveal significant link with ADHD. Translational Psychiatry, 2021, 11, 80.	2.4	11
23	Investigating rare pathogenic/likely pathogenic exonic variation in bipolar disorder. Molecular Psychiatry, 2021, 26, 5239-5250.	4.1	15
24	Common and rare variant association analyses in amyotrophic lateral sclerosis identify 15 risk loci with distinct genetic architectures and neuron-specific biology. Nature Genetics, 2021, 53, 1636-1648.	9.4	223
25	A summary-statistics-based approach to examine the role of serotonin transporter promoter tandem repeat polymorphism in psychiatric phenotypes. European Journal of Human Genetics, 2021, , .	1.4	4
26	The Relationship Between Polygenic Risk Scores and Cognition in Schizophrenia. Schizophrenia Bulletin, 2020, 46, 336-344.	2.3	60
27	State-Dependent Functional Dysconnectivity in Youth With Psychosis Spectrum Symptoms. Schizophrenia Bulletin, 2020, 46, 408-421.	2.3	9
28	Dose response of the 16p11.2 distal copy number variant on intracranial volume and basal ganglia. Molecular Psychiatry, 2020, 25, 584-602.	4.1	49
29	Transcriptomic abnormalities in peripheral blood in bipolar disorder, and discrimination of the major psychoses. Schizophrenia Research, 2020, 217, 124-135.	1.1	18
30	Whole blood transcriptome analysis in bipolar disorder reveals strong lithium effect. Psychological Medicine, 2020, 50, 2575-2586.	2.7	20
31	Exploring the clinical utility of two staging models for bipolar disorder. Bipolar Disorders, 2020, 22, 38-45.	1.1	11
32	Association of Copy Number Variation of the 15q11.2 BP1-BP2 Region With Cortical and Subcortical Morphology and Cognition. JAMA Psychiatry, 2020, 77, 420.	6.0	54
33	Complement genes contribute sex-biased vulnerability in diverse disorders. Nature, 2020, 582, 577-581.	13.7	158
34	The genetic architecture of the human cerebral cortex. Science, 2020, 367, .	6.0	450
35	Extensions of Multiple-Group Item Response Theory Alignment: Application to Psychiatric Phenotypes in an International Genomics Consortium. Educational and Psychological Measurement, 2020, 80, 870-909.	1.2	12
36	Contribution of common and rare variants to bipolar disorder susceptibility in extended pedigrees from population isolates. Translational Psychiatry, 2020, 10, 74.	2.4	25

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37	Shared vulnerability for connectome alterations across psychiatric and neurological brain disorders. Nature Human Behaviour, 2019, 3, 988-998.	6.2	75
38	Genome-wide association study identifies eight risk loci and implicates metabo-psychiatric origins for anorexia nervosa. Nature Genetics, 2019, 51, 1207-1214.	9.4	641
39	Methylation age acceleration does not predict mortality in schizophrenia. Translational Psychiatry, 2019, 9, 157.	2.4	17
40	Integrative analysis of Dupuytren's disease identifies novel risk locus and reveals a shared genetic etiology with BMI. Genetic Epidemiology, 2019, 43, 629-645.	0.6	13
41	Genome-wide association study identifies 30 loci associated with bipolar disorder. Nature Genetics, 2019, 51, 793-803.	9.4	1,191
42	Liprin alfa 2 gene expression is increased by cannabis use and associated with neuropsychological function. European Neuropsychopharmacology, 2019, 29, 643-652.	0.3	3
43	Interrogating the Genetic Determinants of Touretteâ€™s Syndrome and Other Tic Disorders Through Genome-Wide Association Studies. American Journal of Psychiatry, 2019, 176, 217-227.	4.0	242
44	The association between antibodies to neurotropic pathogens and bipolar disorder. Translational Psychiatry, 2019, 9, 311.	2.4	10
45	Genetic architecture of subcortical brain structures in 38,851 individuals. Nature Genetics, 2019, 51, 1624-1636.	9.4	192
46	Genomic Relationships, Novel Loci, and Pleiotropic Mechanisms across Eight Psychiatric Disorders. Cell, 2019, 179, 1469-1482.e11.	13.5	935
47	A Longitudinal Model of Human Neuronal Differentiation for Functional Investigation of Schizophrenia Polygenic Risk. Biological Psychiatry, 2019, 85, 544-553.	0.7	7
48	The Alkaline Phosphatase (ALPL) Locus Is Associated with B6 Vitamer Levels in CSF and Plasma. Genes, 2019, 10, 8.	1.0	12
49	Structural Brain Alterations in Youth With Psychosis and Bipolar Spectrum Symptoms. Journal of the American Academy of Child and Adolescent Psychiatry, 2019, 58, 1079-1091.	0.3	26
50	The characteristics of psychotic features in bipolar disorder. Psychological Medicine, 2019, 49, 2036-2048.	2.7	40
51	Identification of an Amino Acid Motif in <scp>HLA</scp>â€“<scp>DR</scp>Î²1 That Distinguishes Uveitis in Patients With Juvenile Idiopathic Arthritis. Arthritis and Rheumatology, 2018, 70, 1155-1165.	2.9	40
52	Transcriptome-wide association study of schizophrenia and chromatin activity yields mechanistic disease insights. Nature Genetics, 2018, 50, 538-548.	9.4	406
53	Sleep Disturbances, Psychosocial Difficulties, and Health Risk Behavior in 16,781 Dutch Adolescents. Academic Pediatrics, 2018, 18, 655-661.	1.0	23
54	No neuronal autoantibodies detected in plasma of patients with a bipolar I disorder. Psychiatry Research, 2018, 259, 460-462.	1.7	2

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55	Functionally distinct ERAP1 and ERAP2 are a hallmark of HLA-A29-(Birdshot) Uveitis. Human Molecular Genetics, 2018, 27, 4333-4343.	1.4	42
56	White matter disruptions in patients with bipolar disorder. European Neuropsychopharmacology, 2018, 28, 743-751.	0.3	54
57	Double hits in schizophrenia. Human Molecular Genetics, 2018, 27, 2755-2761.	1.4	7
58	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.	0.7	627
59	Analysis of shared heritability in common disorders of the brain. Science, 2018, 360, .	6.0	1,085
60	ROP: dumpster diving in RNA-sequencing to find the source of 1 trillion reads across diverse adult human tissues. Genome Biology, 2018, 19, 36.	3.8	42
61	Transcriptome analysis in whole blood reveals increased microbial diversity in schizophrenia. Translational Psychiatry, 2018, 8, 96.	2.4	92
62	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. Nature Genetics, 2018, 50, 26-41.	9.4	286
63	Novel genetic loci associated with hippocampal volume. Nature Communications, 2017, 8, 13624.	5.8	250
64	Rare and low-frequency coding variants alter human adult height. Nature, 2017, 542, 186-190.	13.7	544
65	The association of sleep and physical activity with integrity of white matter microstructure in bipolar disorder patients and healthy controls. Psychiatry Research - Neuroimaging, 2017, 262, 71-80.	0.9	11
66	Significant Locus and Metabolic Genetic Correlations Revealed in Genome-Wide Association Study of Anorexia Nervosa. American Journal of Psychiatry, 2017, 174, 850-858.	4.0	410
67	Genetic correlation between amyotrophic lateral sclerosis and schizophrenia. Nature Communications, 2017, 8, 14774.	5.8	114
68	A Genome-wide Association Study of Dupuytren Disease Reveals 17 Additional Variants Implicated in Fibrosis. American Journal of Human Genetics, 2017, 101, 417-427.	2.6	67
69	The relationship between brain volumes and intelligence in bipolar disorder. Journal of Affective Disorders, 2017, 223, 59-64.	2.0	12
70	Whole genome sequencing in psychiatric disorders: the WGSPD consortium. Nature Neuroscience, 2017, 20, 1661-1668.	7.1	122
71	Human subcortical brain asymmetries in 15,847 people worldwide reveal effects of age and sex. Brain Imaging and Behavior, 2017, 11, 1497-1514.	1.1	144
72	An actigraphy study investigating sleep in bipolar I patients, unaffected siblings and controls. Journal of Affective Disorders, 2017, 208, 248-254.	2.0	12

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73	Connectome Disconnectivity and Cortical Gene Expression in Patients With Schizophrenia. Biological Psychiatry, 2017, 81, 495-502.	0.7	163
74	Contribution of copy number variants to schizophrenia from a genome-wide study of 41,321 subjects. Nature Genetics, 2017, 49, 27-35.	9.4	838
75	A Genetic Population Isolate in The Netherlands Showing Extensive Haplotype Sharing and Long Regions of Homozygosity. Genes, 2017, 8, 133.	1.0	7
76	Pharmacogenetic Associations of Antipsychotic Drug-Related Weight Gain: A Systematic Review and Meta-analysis. Schizophrenia Bulletin, 2016, 42, 1418-1437.	2.3	149
77	The association of antipsychotic medication and lithium with brain measures in patients with bipolar disorder. European Neuropsychopharmacology, 2016, 26, 1741-1751.	0.3	63
78	Novel genetic loci underlying human intracranial volume identified through genome-wide association. Nature Neuroscience, 2016, 19, 1569-1582.	7.1	213
79	Transcriptome-wide mega-analyses reveal joint dysregulation of immunologic genes and transcription regulators in brain and blood in schizophrenia. Schizophrenia Research, 2016, 176, 114-124.	1.1	74
80	Brain network analysis reveals affected connectome structure in bipolar I disorder. Human Brain Mapping, 2016, 37, 122-134.	1.9	93
81	Genome-wide association analyses identify new risk variants and the genetic architecture of amyotrophic lateral sclerosis. Nature Genetics, 2016, 48, 1043-1048.	9.4	494
82	Dupuytrenâ€™s disease susceptibility gene, EPDR1, is involved in myofibroblast contractility. Journal of Dermatological Science, 2016, 83, 131-137.	1.0	21
83	Accurate and Fast Multiple-Testing Correction in eQTL Studies. American Journal of Human Genetics, 2015, 96, 857-868.	2.6	25
84	Common genetic variants influence human subcortical brain structures. Nature, 2015, 520, 224-229.	13.7	772
85	Genome-wide burden of deleterious coding variants increased in schizophrenia. Nature Communications, 2015, 6, 7501.	5.8	22
86	On the relationship between degree of hand-preference and degree of language lateralization. Brain and Language, 2015, 144, 10-15.	0.8	71
87	Linkage Analysis in a Dutch Population Isolate Shows No Major Gene for Left-Handedness or Atypical Language Lateralization. Journal of Neuroscience, 2015, 35, 8730-8736.	1.7	66
88	Identification of schizophrenia-associated loci by combining DNA methylation and gene expression data from whole blood. European Journal of Human Genetics, 2015, 23, 1106-1110.	1.4	44
89	Epigenetic age analysis of children who seem to evade aging. Aging, 2015, 7, 334-339.	1.4	38
90	Characterization of Genome-Methylome Interactions in 22 Nuclear Pedigrees. PLoS ONE, 2014, 9, e99313.	1.1	15

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91	Integrated Pathway-Based Approach Identifies Association between Genomic Regions at CTCF and CACNB2 and Schizophrenia. PLoS Genetics, 2014, 10, e1004345.	1.5	44
92	A genome-wide association study identifies a functional ERAP2 haplotype associated with birdshot chorioretinopathy. Human Molecular Genetics, 2014, 23, 6081-6087.	1.4	115
93	An inherited duplication at the gene p21 Protein-Activated Kinase 7 (PAK7) is a risk factor for psychosis. Human Molecular Genetics, 2014, 23, 3316-3326.	1.4	37
94	Vitamin B-6 vitamers in human plasma and cerebrospinal fluid. American Journal of Clinical Nutrition, 2014, 100, 587-592.	2.2	24
95	Genetic liability for schizophrenia predicts risk of immune disorders. Schizophrenia Research, 2014, 159, 347-352.	1.1	40
96	Genome-wide association analysis identifies 13 new risk loci for schizophrenia. Nature Genetics, 2013, 45, 1150-1159.	9.4	1,395
97	Increased paternal age and the influence on burden of genomic copy number variation in the general population. Human Genetics, 2013, 132, 443-450.	1.8	37
98	A Comprehensive Family-Based Replication Study of Schizophrenia Genes. JAMA Psychiatry, 2013, 70, 573.	6.0	138
99	A Genetic Deconstruction of Neurocognitive Traits in Schizophrenia and Bipolar Disorder. PLoS ONE, 2013, 8, e81052.	1.1	20
100	A Common Variant in ERBB4 Regulates GABA Concentrations in Human Cerebrospinal Fluid. Neuropsychopharmacology, 2012, 37, 2088-2092.	2.8	21
101	Prediction of serotonin transporter promoter polymorphism genotypes from single nucleotide polymorphism arrays using machine learning methods. Psychiatric Genetics, 2012, 22, 182-188.	0.6	13
102	Aging effects on DNA methylation modules in human brain and blood tissue. Genome Biology, 2012, 13, R97.	13.9	536
103	Identification of common variants associated with human hippocampal and intracranial volumes. Nature Genetics, 2012, 44, 552-561.	9.4	594
104	Genetic analysis of DNA methylation and gene expression levels in whole blood of healthy human subjects. BMC Genomics, 2012, 13, 636.	1.2	200
105	Common inversion polymorphism at 17q21.31 affects expression of multiple genes in tissue-specific manner. BMC Genomics, 2012, 13, 458.	1.2	62
106	A Gene Co-Expression Network in Whole Blood of Schizophrenia Patients Is Independent of Antipsychotic-Use and Enriched for Brain-Expressed Genes. PLoS ONE, 2012, 7, e39498.	1.1	125
107	Season of Sampling and Season of Birth Influence Serotonin Metabolite Levels in Human Cerebrospinal Fluid. PLoS ONE, 2012, 7, e30497.	1.1	20
108	Genome-Wide Analysis Shows Increased Frequency of Copy Number Variation Deletions in Dutch Schizophrenia Patients. Biological Psychiatry, 2011, 70, 655-662.	0.7	61

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109	Paternal age and psychiatric disorders: Findings from a Dutch population registry. Schizophrenia Research, 2011, 129, 128-132.	1.1	74
110	Wnt Signaling and Dupuytren's Disease. New England Journal of Medicine, 2011, 365, 307-317.	13.9	201
111	Hippocampal Gene Expression Analysis Highlights Ly6a/Sca-1 as Candidate Gene for Previously Mapped Novelty Induced Behaviors in Mice. PLoS ONE, 2011, 6, e20716.	1.1	4
112	A large genome scan for rare CNVs in amyotrophic lateral sclerosis. Human Molecular Genetics, 2010, 19, 4091-4099.	1.4	51
113	The Relationship of DNA Methylation with Age, Gender and Genotype in Twins and Healthy Controls. PLoS ONE, 2009, 4, e6767.	1.1	311
114	Genome-wide association study identifies 19p13.3 (UNC13A) and 9p21.2 as susceptibility loci for sporadic amyotrophic lateral sclerosis. Nature Genetics, 2009, 41, 1083-1087.	9.4	344
115	Recurrent CNVs Disrupt Three Candidate Genes in Schizophrenia Patients. American Journal of Human Genetics, 2008, 83, 504-510.	2.6	248
116	Large recurrent microdeletions associated with schizophrenia. Nature, 2008, 455, 232-236.	13.7	1,619
117	Genetic variation in DPP6 is associated with susceptibility to amyotrophic lateral sclerosis. Nature Genetics, 2008, 40, 29-31.	9.4	205
118	Copy-number variation in sporadic amyotrophic lateral sclerosis: a genome-wide screen. Lancet Neurology, The, 2008, 7, 319-326.	4.9	85
119	Analysis of segmental duplications reveals a distinct pattern of continuation-of-synteny between human and mouse genomes. Human Genetics, 2007, 121, 93-100.	1.8	12
120	A genome-wide survey of segmental duplications that mediate common human genetic variation of chromosomal architecture. Human Genomics, 2004, 1, 335.	1.4	81
121	Genetic demography of Antioquia (Colombia) and the Central Valley of Costa Rica. Human Genetics, 2003, 112, 534-541.	1.8	160
122	Genomewide Linkage Disequilibrium Mapping of Severe Bipolar Disorder in a Population Isolate. American Journal of Human Genetics, 2002, 71, 565-574.	2.6	63
123	The genome-wide distribution of background linkage disequilibrium in a population isolate. Human Molecular Genetics, 2001, 10, 545-551.	1.4	72