

# Hans J rgen Grabe

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8944981/publications.pdf>

Version: 2024-02-01

112  
papers

18,932  
citations

50276

46  
h-index

23533

111  
g-index

127  
all docs

127  
docs citations

127  
times ranked

27984  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015, 518, 197-206.	27.8	3,823
2	Genome-wide association analyses identify 44 risk variants and refine the genetic architecture of major depression. <i>Nature Genetics</i> , 2018, 50, 668-681.	21.4	2,224
3	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015, 518, 187-196.	27.8	1,328
4	Analysis of shared heritability in common disorders of the brain. <i>Science</i> , 2018, 360, .	12.6	1,085
5	A mega-analysis of genome-wide association studies for major depressive disorder. <i>Molecular Psychiatry</i> , 2013, 18, 497-511.	7.9	1,002
6	Cohort Profile: The Study of Health in Pomerania. <i>International Journal of Epidemiology</i> , 2011, 40, 294-307.	1.9	876
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	Identification of common variants associated with human hippocampal and intracranial volumes. <i>Nature Genetics</i> , 2012, 44, 552-561.	21.4	594
10	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020, 367, .	12.6	450
11	ENIGMA and global neuroscience: A decade of large-scale studies of the brain in health and disease across more than 40 countries. <i>Translational Psychiatry</i> , 2020, 10, 100.	4.8	365
12	White matter hyperintensities and imaging patterns of brain ageing in the general population. <i>Brain</i> , 2016, 139, 1164-1179.	7.6	314
13	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017, 8, 13624.	12.8	250
14	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016, 19, 1569-1582.	14.8	213
15	Moderation of Adult Depression by a Polymorphism in the FKBP5 Gene and Childhood Physical Abuse in the General Population. <i>Neuropsychopharmacology</i> , 2011, 36, 1982-1991.	5.4	209
16	<i>KLB</i> is associated with alcohol drinking, and its gene product $\beta$ -Klotho is necessary for FGF21 regulation of alcohol preference. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 14372-14377.	7.1	208
17	Minimal phenotyping yields genome-wide association signals of low specificity for major depression. <i>Nature Genetics</i> , 2020, 52, 437-447.	21.4	207
18	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019, 51, 1624-1636.	21.4	192

#	ARTICLE	IF	CITATIONS
19	ENIGMA and the individual: Predicting factors that affect the brain in 35 countries worldwide. <i>NeuroImage</i> , 2017, 145, 389-408.	4.2	173
20	Multiethnic Genome-Wide Association Study of Cerebral White Matter Hyperintensities on MRI. <i>Circulation: Cardiovascular Genetics</i> , 2015, 8, 398-409.	5.1	162
21	Circulating metabolites and general cognitive ability and dementia: Evidence from 11 cohort studies. <i>Alzheimer's and Dementia</i> , 2018, 14, 707-722.	0.8	143
22	Current Smoking and Reduced Gray Matter Volume—a Voxel-Based Morphometry Study. <i>Neuropsychopharmacology</i> , 2014, 39, 2594-2600.	5.4	138
23	Brain aging in major depressive disorder: results from the ENIGMA major depressive disorder working group. <i>Molecular Psychiatry</i> , 2021, 26, 5124-5139.	7.9	136
24	Identification of additional risk loci for stroke and small vessel disease: a meta-analysis of genome-wide association studies. <i>Lancet Neurology</i> , The, 2016, 15, 695-707.	10.2	130
25	ENIGMA MDD: seven years of global neuroimaging studies of major depression through worldwide data sharing. <i>Translational Psychiatry</i> , 2020, 10, 172.	4.8	121
26	Genome-wide gene-environment analyses of major depressive disorder and reported lifetime traumatic experiences in UK Biobank. <i>Molecular Psychiatry</i> , 2020, 25, 1430-1446.	7.9	116
27	Asymmetry within and around the human planum temporale is sexually dimorphic and influenced by genes involved in steroid hormone receptor activity. <i>Cortex</i> , 2015, 62, 41-55.	2.4	114
28	Multi-ancestry genome-wide gene-smoking interaction study of 387,272 individuals identifies new loci associated with serum lipids. <i>Nature Genetics</i> , 2019, 51, 636-648.	21.4	112
29	Measuring Biological Age via Metabonomics: The Metabolic Age Score. <i>Journal of Proteome Research</i> , 2016, 15, 400-410.	3.7	105
30	Association between waist circumference and gray matter volume in 2344 individuals from two adult community-based samples. <i>NeuroImage</i> , 2015, 122, 149-157.	4.2	90
31	Cerebral small vessel disease genomics and its implications across the lifespan. <i>Nature Communications</i> , 2020, 11, 6285.	12.8	89
32	Microglia ablation alleviates myelin-associated catatonic signs in mice. <i>Journal of Clinical Investigation</i> , 2017, 128, 734-745.	8.2	88
33	Does Childhood Trauma Moderate Polygenic Risk for Depression? A Meta-analysis of 5765 Subjects From the Psychiatric Genomics Consortium. <i>Biological Psychiatry</i> , 2018, 84, 138-147.	1.3	87
34	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. <i>American Journal of Epidemiology</i> , 2019, 188, 1033-1054.	3.4	85
35	An Analysis of Two Genome-wide Association Meta-analyses Identifies a New Locus for Broad Depression Phenotype. <i>Biological Psychiatry</i> , 2017, 82, 322-329.	1.3	84
36	Childhood adversity impacts on brain subcortical structures relevant to depression. <i>Journal of Psychiatric Research</i> , 2017, 86, 58-65.	3.1	81

#	ARTICLE	IF	CITATIONS
37	Brain structural abnormalities in obesity: relation to age, genetic risk, and common psychiatric disorders. <i>Molecular Psychiatry</i> , 2021, 26, 4839-4852.	7.9	76
38	New alcohol-related genes suggest shared genetic mechanisms with neuropsychiatric disorders. <i>Nature Human Behaviour</i> , 2019, 3, 950-961.	12.0	75
39	Genetic variants associated with longitudinal changes in brain structure across the lifespan. <i>Nature Neuroscience</i> , 2022, 25, 421-432.	14.8	75
40	Genome-wide Studies of Verbal Declarative Memory in Nondemented Older People: The Cohorts for Heart and Aging Research in Genomic Epidemiology Consortium. <i>Biological Psychiatry</i> , 2015, 77, 749-763.	1.3	67
41	Subcortical shape alterations in major depressive disorder: Findings from the ENIGMA major depressive disorder working group. <i>Human Brain Mapping</i> , 2022, 43, 341-351.	3.6	64
42	Effect of the interaction between childhood abuse and rs1360780 of the <i>FKBP5</i> gene on gray matter volume in a general population sample. <i>Human Brain Mapping</i> , 2016, 37, 1602-1613.	3.6	62
43	Multi-ancestry sleep-by-SNP interaction analysis in 126,926 individuals reveals lipid loci stratified by sleep duration. <i>Nature Communications</i> , 2019, 10, 5121.	12.8	62
44	Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. <i>Nature Communications</i> , 2020, 11, 4796.	12.8	61
45	Sex-Dependent Shared and Nonshared Genetic Architecture Across Mood and Psychotic Disorders. <i>Biological Psychiatry</i> , 2022, 91, 102-117.	1.3	61
46	Interactive impact of childhood maltreatment, depression, and age on cortical brain structure: mega-analytic findings from a large multi-site cohort. <i>Psychological Medicine</i> , 2020, 50, 1020-1031.	4.5	59
47	Alexithymia and brain gray matter volumes in a general population sample. <i>Human Brain Mapping</i> , 2014, 35, 5932-5945.	3.6	57
48	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
49	Integrating evolutionary and regulatory information with a multispecies approach implicates genes and pathways in obsessive-compulsive disorder. <i>Nature Communications</i> , 2017, 8, 774.	12.8	52
50	Methylation of the <i>FKBP5</i> gene in association with <i>FKBP5</i> genotypes, childhood maltreatment and depression. <i>Neuropsychopharmacology</i> , 2019, 44, 930-938.	5.4	52
51	<sc>Mega-analysis</sc> methods in <sc>ENIGMA</sc>: The experience of the generalized anxiety disorder working group. <i>Human Brain Mapping</i> , 2022, 43, 255-277.	3.6	51
52	A priori collaboration in population imaging: The Uniform Neuroimaging of Virchow-Robin Spaces Enlargement consortium. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2015, 1, 513-520.	2.4	46
53	Cohort profile: Greifswald approach to individualized medicine (GANI_MED). <i>Journal of Translational Medicine</i> , 2014, 12, 144.	4.4	43
54	Association of maternal prenatal smoking GFI1-locus and cardio-metabolic phenotypes in 18,212 adults. <i>EBioMedicine</i> , 2018, 38, 206-216.	6.1	43

#	ARTICLE	IF	CITATIONS
55	No Alterations of Brain Structural Asymmetry in Major Depressive Disorder: An ENIGMA Consortium Analysis. <i>American Journal of Psychiatry</i> , 2019, 176, 1039-1049.	7.2	39
56	Gaussian and Mixed Graphical Models as (multi-)omics data analysis tools. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2020, 1863, 194418.	1.9	39
57	No Association Between Polygenic Risk for Schizophrenia and Brain Volume in the General Population. <i>Biological Psychiatry</i> , 2015, 78, e41-e42.	1.3	37
58	Relationship between APOE Genotype and Structural MRI Measures throughout Adulthood in the Study of Health in Pomerania Population-Based Cohort. <i>American Journal of Neuroradiology</i> , 2016, 37, 1636-1642.	2.4	36
59	Quantifying between-cohort and between-sex genetic heterogeneity in major depressive disorder. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2019, 180, 439-447.	1.7	35
60	Genome-wide association study of 23,500 individuals identifies 7 loci associated with brain ventricular volume. <i>Nature Communications</i> , 2018, 9, 3945.	12.8	31
61	ENIGMA anxiety working group: Rationale for and organization of large-scale neuroimaging studies of anxiety disorders. <i>Human Brain Mapping</i> , 2022, 43, 83-112.	3.6	31
62	Genetic and lifestyle risk factors for MRI-defined brain infarcts in a population-based setting. <i>Neurology</i> , 2019, 92, .	1.1	30
63	Effects of copy number variations on brain structure and risk for psychiatric illness: Large-scale studies from the ENIGMA working groups on CNVs. <i>Human Brain Mapping</i> , 2022, 43, 300-328.	3.6	30
64	Associations of trauma exposure and post-traumatic stress disorder with the activity of the renin-angiotensin-aldosterone-system in the general population. <i>Psychological Medicine</i> , 2019, 49, 843-851.	4.5	27
65	Classical Human Leukocyte Antigen Alleles and C4 Haplotypes Are Not Significantly Associated With Depression. <i>Biological Psychiatry</i> , 2020, 87, 419-430.	1.3	27
66	Predicting physical and mental health symptoms: Additive and interactive effects of difficulty identifying feelings, neuroticism and extraversion. <i>Journal of Psychosomatic Research</i> , 2018, 115, 14-23.	2.6	25
67	Brain-derived neurotrophic factor is related with adverse cardiac remodeling and high NTproBNP. <i>Scientific Reports</i> , 2019, 9, 15421.	3.3	24
68	1q21.1 distal copy number variants are associated with cerebral and cognitive alterations in humans. <i>Translational Psychiatry</i> , 2021, 11, 182.	4.8	24
69	Genome-wide interaction study with major depression identifies novel variants associated with cognitive function. <i>Molecular Psychiatry</i> , 2022, 27, 1111-1119.	7.9	24
70	Association of childhood traumatization and neuropsychiatric outcomes with altered plasma micro RNA-levels. <i>Neuropsychopharmacology</i> , 2019, 44, 2030-2037.	5.4	21
71	Irritable bowel syndrome, mental health, and quality of life: Data from a population-based survey in Germany (SHIP-Trend). <i>Neurogastroenterology and Motility</i> , 2019, 31, e13511.	3.0	21
72	Domains of physical activity and brain volumes: A population-based study. <i>NeuroImage</i> , 2017, 156, 101-108.	4.2	20

#	ARTICLE	IF	CITATIONS
73	Association of Brain-Derived Neurotrophic Factor and Vitamin D with Depression and Obesity: A Population-Based Study. <i>Neuropsychobiology</i> , 2017, 76, 171-181.	1.9	20
74	ENIGMA Sleep: Challenges, opportunities, and the road map. <i>Journal of Sleep Research</i> , 2021, 30, e13347.	3.2	19
75	Lifetime and current depression in the German National Cohort (NAKO). <i>World Journal of Biological Psychiatry</i> , 2023, 24, 865-880.	2.6	18
76	Differential activation of the renin-angiotensin-aldosterone-system in response to childhood and adulthood trauma. <i>Psychoneuroendocrinology</i> , 2019, 107, 232-240.	2.7	17
77	Circulating Metabolome and White Matter Hyperintensities in Women and Men. <i>Circulation</i> , 2022, 145, 1040-1052.	1.6	17
78	Polygenic Architecture of Human Neuroanatomical Diversity. <i>Cerebral Cortex</i> , 2020, 30, 2307-2320.	2.9	16
79	Posttraumatic stress disorder is associated with reduced vitamin D levels and functional polymorphisms of the vitamin D binding-protein in a population-based sample. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 96, 109760.	4.8	14
80	Assessment of subjective emotional valence and long-lasting impact of life events: development and psychometrics of the Stralsund Life Event List (SEL). <i>BMC Psychiatry</i> , 2018, 18, 105.	2.6	13
81	Interaction of childhood trauma with rs1360780 of the FKBP5 gene on trait resilience in a general population sample. <i>Journal of Psychiatric Research</i> , 2019, 116, 104-111.	3.1	13
82	Childhood trauma and adult declarative memory performance in the general population: The mediating effect of alexithymia. <i>Child Abuse and Neglect</i> , 2020, 101, 104311.	2.6	13
83	Multi-ancestry genome-wide gene-sleep interactions identify novel loci for blood pressure. <i>Molecular Psychiatry</i> , 2021, 26, 6293-6304.	7.9	13
84	Dilution correction for dynamically influenced urinary analyte data. <i>Analytica Chimica Acta</i> , 2018, 1032, 18-31.	5.4	12
85	Paternal transmission of early life traumatization through epigenetics: Do fathers play a role?. <i>Medical Hypotheses</i> , 2017, 109, 59-64.	1.5	11
86	NMR Metabolomics Reveal Urine Markers of Microbiome Diversity and Identify Benzoate Metabolism as a Mediator between High Microbial Alpha Diversity and Metabolic Health. <i>Metabolites</i> , 2022, 12, 308.	2.9	11
87	SHIP-MR and Radiology: 12 Years of Whole-Body Magnetic Resonance Imaging in a Single Center. <i>Healthcare (Switzerland)</i> , 2022, 10, 33.	2.0	11
88	Longitudinal association of Apolipoprotein E polymorphism with lipid profile, type 2 diabetes and metabolic syndrome: Results from a 15-year follow-up study. <i>Diabetes Research and Clinical Practice</i> , 2022, 185, 109778.	2.8	8
89	Living alone and activation of the renin-angiotensin-aldosterone-system: Differential effects depending on alexithymic personality features. <i>Journal of Psychosomatic Research</i> , 2017, 96, 42-48.	2.6	7
90	APOE $\epsilon$ 4 in Depression-Associated Memory Impairment—Evidence from Genetic and MicroRNA Analyses. <i>Biomedicines</i> , 2022, 10, 1560.	3.2	7

#	ARTICLE	IF	CITATIONS
91	Associations and interactions of the serotonin receptor genes 5-HT1A, 5-HT2A, and childhood trauma with alexithymia in two independent general-population samples. <i>Psychiatry Research</i> , 2021, 298, 113783.	3.3	6
92	Gene-mapping study of extremes of cerebral small vessel disease reveals TRIM47 as a strong candidate. <i>Brain</i> , 2022, 145, 1992-2007.	7.6	6
93	Body mass index but not genetic risk is longitudinally associated with altered structural brain parameters. <i>Scientific Reports</i> , 2021, 11, 24246.	3.3	6
94	Insulin-Like Growth Factor, Inflammation, and MRI Markers of Alzheimer's Disease in Predominantly Middle-Aged Adults. <i>Journal of Alzheimer's Disease</i> , 2022, 88, 311-322.	2.6	6
95	Functional polymorphisms of the mineralocorticoid receptor gene <i>NR3C2</i> are associated with diminished memory decline: Results from a longitudinal general population study. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2020, 8, e1345.	1.2	5
96	Alexithymia is associated with increased all-cause mortality risk in men, but not in women: A 10-year follow-up study. <i>Journal of Psychosomatic Research</i> , 2021, 143, 110372.	2.6	5
97	Biomarkers of geroprotection and cardiovascular health: An overview of omics studies and established clinical biomarkers in the context of diet. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 2426-2446.	10.3	5
98	Genetic factors influencing a neurobiological substrate for psychiatric disorders. <i>Translational Psychiatry</i> , 2021, 11, 192.	4.8	4
99	The association between genetically determined ABO blood types and major depressive disorder. <i>Psychiatry Research</i> , 2021, 299, 113837.	3.3	4
100	Association between different dimensions of childhood traumatization and plasma micro-RNA levels in a clinical psychiatric sample. <i>Journal of Psychiatric Research</i> , 2021, 139, 113-119.	3.1	4
101	The neurobiology of childhood trauma—aldosterone and blood pressure changes in a community sample. <i>World Journal of Biological Psychiatry</i> , 2021, , 1-9.	2.6	4
102	The Impact of Childhood Trauma and Depressive Symptoms on Body Mass Index. <i>Global Psychiatry</i> , 2019, 2, 97-105.	2.0	3
103	Plasma circulating micro-RNAs associated with alexithymia reflect a high overlap on neuropsychiatric outcomes. <i>Journal of Affective Disorders</i> , 2022, 305, 206-212.	4.1	3
104	Tooth loss in periodontally treated patients: A registry- and observation-based analysis. <i>Journal of Clinical Periodontology</i> , 2022, 49, 749-757.	4.9	3
105	O <sub>2</sub> : Non-Resilient Brain Aging in Association with Cardiovascular Risk and White Matter Hyperintensities: the Ship Study. <i>Alzheimer's and Dementia</i> , 2016, 12, P226.	0.8	2
106	The genetic predisposition to longevity acts through behavioral phenotypes in females. <i>European Neuropsychopharmacology</i> , 2021, 45, 1-14.	0.7	2
107	Quality of life and sleep in individuals with irritable bowel syndrome according to different diagnostic criteria and inflammatory bowel diseases: A comparison using data from a population-based survey. <i>Zeitschrift Fur Gastroenterologie</i> , 2022, 60, 299-309.	0.5	2
108	The role of educational attainment and brain morphology in major depressive disorder: Findings from the ENIGMA major depressive disorder consortium.., 2022, 131, 664-673.		2

#	ARTICLE	IF	CITATIONS
109	[ICâ€³â€³]: REGARDLESS OF THEIR LOCATION, WHITE MATTER HYPERINTENSITIES ARE ASSOCIATED WITH ADVANCED BRAIN AGING THROUGHOUT ADULTHOOD IN THE STUDY OF HEALTH IN POMERANIA. Alzheimer's and Dementia, 2017, 13, P8.	0.8	0
110	Dataâ€­driven approach reveals heterogeneity and regionâ€­specific association of white matter hyperintensities with the APOE genotype. Alzheimer's and Dementia, 2020, 16, e037342.	0.8	0
111	Impaired lung function as a risk factor for accelerated brain ageing. Alzheimer's and Dementia, 2020, 16, e040324.	0.8	0
112	Associations of objective and subjective sleep quality with MRI markers of brain ageing and Alzheimerâ€™s disease. Alzheimer's and Dementia, 2021, 17, .	0.8	0