

Hans J rgen Grabe

List of Publications by Year in descending order

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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	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
2	Lifetime and current depression in the German National Cohort (NAKO). <i>World Journal of Biological Psychiatry</i> , 2023, 24, 865-880.	2.6	18
3	<scp>ENIGMA</scp>anxiety</scp>working group: Rationale for and organization of<scp>large</scp>scale</scp>neuroimaging studies of anxiety disorders. <i>Human Brain Mapping</i> , 2022, 43, 83-112.	3.6	31
4	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
5	<scp>Mega</scp>analysis</scp> methods in <scp>ENIGMA</scp>: The experience of the generalized anxiety disorder working group. <i>Human Brain Mapping</i> , 2022, 43, 255-277.	3.6	51
6	Effects of copy number variations on brain structure and risk for psychiatric illness: Large-scale studies from the<scp>ENIGMA</scp>working groups on<scp>CNVs</scp>. <i>Human Brain Mapping</i> , 2022, 43, 300-328.	3.6	30
7	Sex-Dependent Shared and Nonshared Genetic Architecture Across Mood and Psychotic Disorders. <i>Biological Psychiatry</i> , 2022, 91, 102-117.	1.3	61
8	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
9	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
10	Circulating Metabolome and White Matter Hyperintensities in Women and Men. <i>Circulation</i> , 2022, 145, 1040-1052.	1.6	17
11	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
12	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
13	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
14	Genetic variants associated with longitudinal changes in brain structure across the lifespan. <i>Nature Neuroscience</i> , 2022, 25, 421-432.	14.8	75
15	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
16	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
17	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
18	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

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19	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
20	APOE ϵ 4 in Depression-Associated Memory Impairment—Evidence from Genetic and MicroRNA Analyses. Biomedicines, 2022, 10, 1560.	3.2	7
21	Brain aging in major depressive disorder: results from the ENIGMA major depressive disorder working group. Molecular Psychiatry, 2021, 26, 5124-5139.	7.9	136
22	Brain structural abnormalities in obesity: relation to age, genetic risk, and common psychiatric disorders. Molecular Psychiatry, 2021, 26, 4839-4852.	7.9	76
23	Genetic factors influencing a neurobiological substrate for psychiatric disorders. Translational Psychiatry, 2021, 11, 192.	4.8	4
24	1q21.1 distal copy number variants are associated with cerebral and cognitive alterations in humans. Translational Psychiatry, 2021, 11, 182.	4.8	24
25	The genetic predisposition to longevity acts through behavioral phenotypes in females. European Neuropsychopharmacology, 2021, 45, 1-14.	0.7	2
26	Multi-ancestry genome-wide gene–sleep interactions identify novel loci for blood pressure. Molecular Psychiatry, 2021, 26, 6293-6304.	7.9	13
27	Alexithymia is associated with increased all-cause mortality risk in men, but not in women: A 10-year follow-up study. Journal of Psychosomatic Research, 2021, 143, 110372.	2.6	5
28	ENIGMA—Sleep: Challenges, opportunities, and the road map. Journal of Sleep Research, 2021, 30, e13347.	3.2	19
29	Associations and interactions of the serotonin receptor genes 5-HT1A, 5-HT2A, and childhood trauma with alexithymia in two independent general-population samples. Psychiatry Research, 2021, 298, 113783.	3.3	6
30	The association between genetically determined ABO blood types and major depressive disorder. Psychiatry Research, 2021, 299, 113837.	3.3	4
31	Association between different dimensions of childhood traumatization and plasma micro-RNA levels in a clinical psychiatric sample. Journal of Psychiatric Research, 2021, 139, 113-119.	3.1	4
32	The neurobiology of childhood trauma—aldosterone and blood pressure changes in a community sample. World Journal of Biological Psychiatry, 2021, , 1-9.	2.6	4
33	Associations of objective and subjective sleep quality with MRI markers of brain ageing and Alzheimer’s disease. Alzheimer’s and Dementia, 2021, 17, .	0.8	0
34	Body mass index but not genetic risk is longitudinally associated with altered structural brain parameters. Scientific Reports, 2021, 11, 24246.	3.3	6
35	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
36	Posttraumatic stress disorder is associated with reduced vitamin D levels and functional polymorphisms of the vitamin D binding-protein in a population-based sample. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2020, 96, 109760.	4.8	14

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37	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
38	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
39	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
40	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
41	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
42	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 & Genomic Medicine</i> , 2020, 8, e1345.	1.2	5
43	Data-driven approach reveals heterogeneity and region-specific association of white matter hyperintensities with the APOE genotype. <i>Alzheimer's and Dementia</i> , 2020, 16, e037342.	0.8	0
44	Impaired lung function as a risk factor for accelerated brain ageing. <i>Alzheimer's and Dementia</i> , 2020, 16, e040324.	0.8	0
45	Cerebral small vessel disease genomics and its implications across the lifespan. <i>Nature Communications</i> , 2020, 11, 6285.	12.8	89
46	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
47	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
48	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020, 367, .	12.6	450
49	Minimal phenotyping yields genome-wide association signals of low specificity for major depression. <i>Nature Genetics</i> , 2020, 52, 437-447.	21.4	207
50	Polygenic Architecture of Human Neuroanatomical Diversity. <i>Cerebral Cortex</i> , 2020, 30, 2307-2320.	2.9	16
51	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
52	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
53	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
54	Association of childhood traumatization and neuropsychiatric outcomes with altered plasma micro RNA-levels. <i>Neuropsychopharmacology</i> , 2019, 44, 2030-2037.	5.4	21

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55	New alcohol-related genes suggest shared genetic mechanisms with neuropsychiatric disorders. <i>Nature Human Behaviour</i> , 2019, 3, 950-961.	12.0	75
56	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
57	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
58	Methylation of the FKBP5 gene in association with FKBP5 genotypes, childhood maltreatment and depression. <i>Neuropsychopharmacology</i> , 2019, 44, 930-938.	5.4	52
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	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
61	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
62	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
63	Brain-derived neurotrophic factor is related with adverse cardiac remodeling and high NTproBNP. <i>Scientific Reports</i> , 2019, 9, 15421.	3.3	24
64	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019, 51, 1624-1636.	21.4	192
65	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
66	Genetic and lifestyle risk factors for MRI-defined brain infarcts in a population-based setting. <i>Neurology</i> , 2019, 92, .	1.1	30
67	The Impact of Childhood Trauma and Depressive Symptoms on Body Mass Index. <i>Global Psychiatry</i> , 2019, 2, 97-105.	2.0	3
68	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
69	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
70	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
71	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
72	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

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73	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
74	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
75	Dilution correction for dynamically influenced urinary analyte data. <i>Analytica Chimica Acta</i> , 2018, 1032, 18-31.	5.4	12
76	Analysis of shared heritability in common disorders of the brain. <i>Science</i> , 2018, 360, .	12.6	1,085
77	ENIGMA and the individual: Predicting factors that affect the brain in 35 countries worldwide. <i>NeuroImage</i> , 2017, 145, 389-408.	4.2	173
78	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017, 8, 13624.	12.8	250
79	Domains of physical activity and brain volumes: A population-based study. <i>NeuroImage</i> , 2017, 156, 101-108.	4.2	20
80	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
81	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
82	Childhood adversity impacts on brain subcortical structures relevant to depression. <i>Journal of Psychiatric Research</i> , 2017, 86, 58-65.	3.1	81
83	Paternal transmission of early life traumatization through epigenetics: Do fathers play a role?. <i>Medical Hypotheses</i> , 2017, 109, 59-64.	1.5	11
84	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
85	[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. <i>Alzheimer's and Dementia</i> , 2017, 13, P8.	0.8	0
86	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
87	Microglia ablation alleviates myelin-associated catatonic signs in mice. <i>Journal of Clinical Investigation</i> , 2017, 128, 734-745.	8.2	88
88	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
89	Oâ€³â€³: Nonâ€³Resilient 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
90	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

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91	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016, 19, 1569-1582.	14.8	213
92	<i>KLB</i> is associated with alcohol drinking, and its gene product Î²-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
93	Relationship between<i>APOE</i>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
94	Measuring Biological Age via Metabonomics: The Metabolic Age Score. <i>Journal of Proteome Research</i> , 2016, 15, 400-410.	3.7	105
95	White matter hyperintensities and imaging patterns of brain ageing in the general population. <i>Brain</i> , 2016, 139, 1164-1179.	7.6	314
96	A priori collaboration in population imaging: The Uniform Neuroâ€œmaging of Virchowâ€™Robin Spaces Enlargement consortium. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2015, 1, 513-520.	2.4	46
97	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
98	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015, 518, 187-196.	27.8	1,328
99	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015, 518, 197-206.	27.8	3,823
100	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , 2015, 520, 224-229.	27.8	772
101	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
102	Multiethnic Genome-Wide Association Study of Cerebral White Matter Hyperintensities on MRI. <i>Circulation: Cardiovascular Genetics</i> , 2015, 8, 398-409.	5.1	162
103	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
104	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
105	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
106	Current Smoking and Reduced Gray Matter Volumeâ€™a Voxel-Based Morphometry Study. <i>Neuropsychopharmacology</i> , 2014, 39, 2594-2600.	5.4	138
107	Cohort profile: Greifswald approach to individualized medicine (GANI_MED). <i>Journal of Translational Medicine</i> , 2014, 12, 144.	4.4	43
108	Alexithymia and brain gray matter volumes in a general population sample. <i>Human Brain Mapping</i> , 2014, 35, 5932-5945.	3.6	57

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109	A mega-analysis of genome-wide association studies for major depressive disorder. <i>Molecular Psychiatry</i> , 2013, 18, 497-511.	7.9	1,002
110	Identification of common variants associated with human hippocampal and intracranial volumes. <i>Nature Genetics</i> , 2012, 44, 552-561.	21.4	594
111	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
112	Cohort Profile: The Study of Health in Pomerania. <i>International Journal of Epidemiology</i> , 2011, 40, 294-307.	1.9	876