

Georg Homuth

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/879956/publications.pdf>

Version: 2024-02-01

39
papers

9,699
citations

186265

28
h-index

289244

40
g-index

42
all docs

42
docs citations

42
times ranked

19635
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	Cohort Profile: The Study of Health in Pomerania. <i>International Journal of Epidemiology</i> , 2011, 40, 294-307.	1.9	876
3	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , 2015, 520, 224-229.	27.8	772
4	Identification of common variants associated with human hippocampal and intracranial volumes. <i>Nature Genetics</i> , 2012, 44, 552-561.	21.4	594
5	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020, 367, .	12.6	450
6	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
7	White matter hyperintensities and imaging patterns of brain ageing in the general population. <i>Brain</i> , 2016, 139, 1164-1179.	7.6	314
8	Meta-analysis of Genome-wide Association Studies for Neuroticism, and the Polygenic Association With Major Depressive Disorder. <i>JAMA Psychiatry</i> , 2015, 72, 642.	11.0	289
9	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016, 19, 1569-1582.	14.8	213
10	Meta-analysis of Genome-Wide Association Studies for Extraversion: Findings from the Genetics of Personality Consortium. <i>Behavior Genetics</i> , 2016, 46, 170-182.	2.1	178
11	Genome-wide Association for Major Depression Through Age at Onset Stratification: Major Depressive Disorder Working Group of the Psychiatric Genomics Consortium. <i>Biological Psychiatry</i> , 2017, 81, 325-335.	1.3	175
12	Cathepsin B-Mediated Activation of Trypsinogen in Endocytosing Macrophages Increases Severity of Pancreatitis in Mice. <i>Gastroenterology</i> , 2018, 154, 704-718.e10.	1.3	168
13	NLRP3 Inflammasome Regulates Development of Systemic Inflammatory Response and Compensatory Anti-Inflammatory Response Syndromes in Mice With Acute Pancreatitis. <i>Gastroenterology</i> , 2020, 158, 253-269.e14.	1.3	162
14	Large meta-analysis of genome-wide association studies identifies five loci for lean body mass. <i>Nature Communications</i> , 2017, 8, 80.	12.8	147
15	Novel multiple sclerosis susceptibility loci implicated in epigenetic regulation. <i>Science Advances</i> , 2016, 2, e1501678.	10.3	133
16	Microglia ablation alleviates myelin-associated catatonic signs in mice. <i>Journal of Clinical Investigation</i> , 2017, 128, 734-745.	8.2	88
17	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
18	A structured weight loss program increases gut microbiota phylogenetic diversity and reduces levels of <i>Collinsella</i> in obese type 2 diabetics: A pilot study. <i>PLoS ONE</i> , 2019, 14, e0219489.	2.5	82

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19	Genetic variants associated with longitudinal changes in brain structure across the lifespan. <i>Nature Neuroscience</i> , 2022, 25, 421-432.	14.8	75
20	Impaired Exocrine Pancreatic Function Associates With Changes in Intestinal Microbiota Composition and Diversity. <i>Gastroenterology</i> , 2019, 156, 1010-1015.	1.3	74
21	Cohort Profile Update: The Study of Health in Pomerania (SHIP). <i>International Journal of Epidemiology</i> , 2022, 51, e372-e383.	1.9	73
22	Complement Component 5 Mediates Development of Fibrosis, via Activation of Stellate Cells, in 2 Mouse Models of Chronic Pancreatitis. <i>Gastroenterology</i> , 2015, 149, 765-776.e10.	1.3	68
23	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
24	<i>Helicobacter pylori</i> infection associates with fecal microbiota composition and diversity. <i>Scientific Reports</i> , 2019, 9, 20100.	3.3	49
25	The Gut Microbiome in Patients With Chronic Pancreatitis Is Characterized by Significant Dysbiosis and Overgrowth by Opportunistic Pathogens. <i>Clinical and Translational Gastroenterology</i> , 2020, 11, e00232.	2.5	49
26	Disentangling the genetics of lean mass. <i>American Journal of Clinical Nutrition</i> , 2019, 109, 276-287.	4.7	38
27	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
28	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
29	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
30	3,5-T2 alters murine genes relevant for xenobiotic, steroid, and thyroid hormone metabolism. <i>Journal of Molecular Endocrinology</i> , 2016, 56, 311-323.	2.5	28
31	Hepatic Steatosis Is Associated With Adverse Molecular Signatures in Subjects Without Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 3856-3868.	3.6	24
32	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
33	Genetic influences on the acquisition and inhibition of fear. <i>International Journal of Psychophysiology</i> , 2015, 98, 499-505.	1.0	23
34	Exocrine Pancreatic Function Modulates Plasma Metabolites Through Changes in Gut Microbiota Composition. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e2290-e2298.	3.6	19
35	Exome Chip Analysis Identifies Low-Frequency and Rare Variants in <i>MRPL38</i> for White Matter Hyperintensities on Brain Magnetic Resonance Imaging. <i>Stroke</i> , 2018, 49, 1812-1819.	2.0	17
36	Investigation of Naturally Occurring Single-Nucleotide Variants in Human TAAR1. <i>Frontiers in Pharmacology</i> , 2017, 8, 807.	3.5	15

#	ARTICLE	IF	CITATIONS
37	Correlates of Adverse Outcomes in Abdominally Obese Individuals: Findings from the Five-Year Followup of the Population-Based Study of Health in Pomerania. <i>Journal of Obesity</i> , 2013, 2013, 1-7.	2.7	8
38	COMTVal158Met Genotype Affects Complex Emotion Recognition in Healthy Men and Women. <i>Frontiers in Neuroscience</i> , 2019, 12, 1007.	2.8	8
39	The Thyroid Hormone Transporter Mct8 Restricts Cathepsin-Mediated Thyroglobulin Processing in Male Mice through Thyroid Auto-Regulatory Mechanisms That Encompass Autophagy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 462.	4.1	5