

Thomas W Winkler

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

17,622
citations

109321

35
h-index

114465

63
g-index

71
all docs

71
docs citations

71
times ranked

24504
citing authors

#	ARTICLE	IF	CITATIONS
1	Obesity and Kidney Function: A Two-Sample Mendelian Randomization Study. <i>Clinical Chemistry</i> , 2022, 68, 461-472.	3.2	25
2	Incidence, progression and risk factors of age-related macular degeneration in 35-95-year-old individuals from three jointly designed German cohort studies. <i>BMJ Open Ophthalmology</i> , 2022, 7, e000912.	1.6	7
3	Genetic loci and prioritization of genes for kidney function decline derived from a meta-analysis of 62 longitudinal genome-wide association studies. <i>Kidney International</i> , 2022, 102, 624-639.	5.2	18
4	Differential and shared genetic effects on kidney function between diabetic and non-diabetic individuals. <i>Communications Biology</i> , 2022, 5, .	4.4	17
5	Multi-ancestry genome-wide association study accounting for gene-psychosocial factor interactions identifies novel loci for blood pressure traits. <i>Human Genetics and Genomics Advances</i> , 2021, 2, 100013.	1.7	2
6	Meta-analysis uncovers genome-wide significant variants for rapid kidney function decline. <i>Kidney International</i> , 2021, 99, 926-939.	5.2	42
7	Multi-ancestry genome-wide gene-sleep interactions identify novel loci for blood pressure. <i>Molecular Psychiatry</i> , 2021, 26, 6293-6304.	7.9	13
8	Discovery and prioritization of variants and genes for kidney function in >1.2 million individuals. <i>Nature Communications</i> , 2021, 12, 4350.	12.8	125
9	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021, 600, 675-679.	27.8	353
10	Chances and challenges of machine learning-based disease classification in genetic association studies illustrated on age-related macular degeneration. <i>Genetic Epidemiology</i> , 2020, 44, 759-777.	1.3	12
11	Genome-wide association meta-analysis for early age-related macular degeneration highlights novel loci and insights for advanced disease. <i>BMC Medical Genomics</i> , 2020, 13, 120.	1.5	56
12	Gene-educational attainment interactions in a multi-ancestry genome-wide meta-analysis identify novel blood pressure loci. <i>Molecular Psychiatry</i> , 2020, 26, 2111-2125.	7.9	17
13	Quantification of the overall contribution of gene-environment interaction for obesity-related traits. <i>Nature Communications</i> , 2020, 11, 1385.	12.8	31
14	Heterogeneity in Obesity: Genetic Basis and Metabolic Consequences. <i>Current Diabetes Reports</i> , 2020, 20, 1.	4.2	25
15	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
16	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
17	Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. <i>Nature Communications</i> , 2019, 10, 376.	12.8	64
18	On the differences between mega- and meta-imputation and analysis exemplified on the genetics of age-related macular degeneration. <i>Genetic Epidemiology</i> , 2019, 43, 559-576.	1.3	5

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19	A multi-ancestry genome-wide study incorporating gene-smoking interactions identifies multiple new loci for pulse pressure and mean arterial pressure. <i>Human Molecular Genetics</i> , 2019, 28, 2615-2633.	2.9	31
20	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
21	Protein-coding variants implicate novel genes related to lipid homeostasis contributing to body-fat distribution. <i>Nature Genetics</i> , 2019, 51, 452-469.	21.4	89
22	Meta-analysis of genome-wide association studies for body fat distribution in 694,649 individuals of European ancestry. <i>Human Molecular Genetics</i> , 2019, 28, 166-174.	2.9	752
23	The role of genetic variation of human metabolism for BMI, mental traits and mental disorders. <i>Molecular Metabolism</i> , 2018, 12, 1-11.	6.5	19
24	A Large-Scale Multi-ancestry Genome-wide Study Accounting for Smoking Behavior Identifies Multiple Significant Loci for Blood Pressure. <i>American Journal of Human Genetics</i> , 2018, 102, 375-400.	6.2	123
25	VarExp: estimating variance explained by genome-wide GxE summary statistics. <i>Bioinformatics</i> , 2018, 34, 3412-3414.	4.1	13
26	GWAS and colocalization analyses implicate carotid intima-media thickness and carotid plaque loci in cardiovascular outcomes. <i>Nature Communications</i> , 2018, 9, 5141.	12.8	119
27	A joint view on genetic variants for adiposity differentiates subtypes with distinct metabolic implications. <i>Nature Communications</i> , 2018, 9, 1946.	12.8	33
28	Addendum: A joint view on genetic variants for adiposity differentiates subtypes with distinct metabolic implications. <i>Nature Communications</i> , 2018, 9, 2861.	12.8	16
29	Investigating the modulation of genetic effects on late AMD by age and sex: Lessons learned and two additional loci. <i>PLoS ONE</i> , 2018, 13, e0194321.	2.5	19
30	Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. <i>PLoS ONE</i> , 2018, 13, e0198166.	2.5	94
31	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. <i>Nature Genetics</i> , 2018, 50, 26-41.	21.4	286
32	Rare and low-frequency coding variants alter human adult height. <i>Nature</i> , 2017, 542, 186-190.	27.8	544
33	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. <i>Nature Communications</i> , 2017, 8, 14977.	12.8	169
34	Multiancestry Study of Gene-Lifestyle Interactions for Cardiovascular Traits in 610 475 Individuals From 124 Cohorts. <i>Circulation: Cardiovascular Genetics</i> , 2017, 10, .	5.1	55
35	A multitrait GWAS sheds light on insulin resistance. <i>Nature Genetics</i> , 2017, 49, 7-8.	21.4	15
36	CNV-association meta-analysis in 191,161 European adults reveals new loci associated with anthropometric traits. <i>Nature Communications</i> , 2017, 8, 744.	12.8	64

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37	Across-cohort QC analyses of GWAS summary statistics from complex traits. <i>European Journal of Human Genetics</i> , 2017, 25, 137-146.	2.8	18
38	Genome-wide physical activity interactions in adiposity – A meta-analysis of 200,452 adults. <i>PLoS Genetics</i> , 2017, 13, e1006528.	3.5	158
39	Ranking and characterization of established BMI and lipid associated loci as candidates for gene-environment interactions. <i>PLoS Genetics</i> , 2017, 13, e1006812.	3.5	24
40	Approaches to detect genetic effects that differ between two strata in genome-wide meta-analyses: Recommendations based on a systematic evaluation. <i>PLoS ONE</i> , 2017, 12, e0181038.	2.5	27
41	An Empirical Comparison of Joint and Stratified Frameworks for Studying G × E Interactions: Systolic Blood Pressure and Smoking in the CHARGE Gene–Lifestyle Interactions Working Group. <i>Genetic Epidemiology</i> , 2016, 40, 404-415.	1.3	18
42	A principal component meta-analysis on multiple anthropometric traits identifies novel loci for body shape. <i>Nature Communications</i> , 2016, 7, 13357.	12.8	74
43	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. <i>PLoS Genetics</i> , 2015, 11, e1005378.	3.5	331
44	Discovery and Fine-Mapping of Glycaemic and Obesity-Related Trait Loci Using High-Density Imputation. <i>PLoS Genetics</i> , 2015, 11, e1005230.	3.5	77
45	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015, 518, 187-196.	27.8	1,328
46	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015, 518, 197-206.	27.8	3,823
47	EasyStrata: evaluation and visualization of stratified genome-wide association meta-analysis data. <i>Bioinformatics</i> , 2015, 31, 259-261.	4.1	71
48	Novel Approach Identifies SNPs in SLC2A10 and KCNK9 with Evidence for Parent-of-Origin Effect on Body Mass Index. <i>PLoS Genetics</i> , 2014, 10, e1004508.	3.5	80
49	Multi-ethnic fine-mapping of 14 central adiposity loci. <i>Human Molecular Genetics</i> , 2014, 23, 4738-4744.	2.9	41
50	Defining the role of common variation in the genomic and biological architecture of adult human height. <i>Nature Genetics</i> , 2014, 46, 1173-1186.	21.4	1,818
51	Quality control and conduct of genome-wide association meta-analyses. <i>Nature Protocols</i> , 2014, 9, 1192-1212.	12.0	398
52	Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. <i>Nature Genetics</i> , 2013, 45, 501-512.	21.4	578
53	Seven new loci associated with age-related macular degeneration. <i>Nature Genetics</i> , 2013, 45, 433-439.	21.4	687
54	A meta-analysis identifies new loci associated with body mass index in individuals of African ancestry. <i>Nature Genetics</i> , 2013, 45, 690-696.	21.4	232

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55	Sex-stratified Genome-wide Association Studies Including 270,000 Individuals Show Sexual Dimorphism in Genetic Loci for Anthropometric Traits. PLoS Genetics, 2013, 9, e1003500.	3.5	371
56	Novel Loci for Adiponectin Levels and Their Influence on Type 2 Diabetes and Metabolic Traits: A Multi-Ethnic Meta-Analysis of 45,891 Individuals. PLoS Genetics, 2012, 8, e1002607.	3.5	419
57	To stratify or not to stratify: power considerations for population-based genome-wide association studies of quantitative traits. Genetic Epidemiology, 2011, 35, 867-879.	1.3	28
58	Meta-analysis identifies 13 new loci associated with waist-hip ratio and reveals sexual dimorphism in the genetic basis of fat distribution. Nature Genetics, 2010, 42, 949-960.	21.4	836
59	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. Nature Genetics, 2010, 42, 937-948.	21.4	2,634