

Heming Wang

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

2,465
citations

331259

21
h-index

264894

42
g-index

61
all docs

61
docs citations

61
times ranked

4680
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide association study identifies genetic loci for self-reported habitual sleep duration supported by accelerometer-derived estimates. <i>Nature Communications</i> , 2019, 10, 1100.	5.8	369
2	The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , 2021, 53, 840-860.	9.4	341
3	Biological and clinical insights from genetics of insomnia symptoms. <i>Nature Genetics</i> , 2019, 51, 387-393.	9.4	250
4	Genome-wide Association Analysis of Blood-Pressure Traits in African-Ancestry Individuals Reveals Common Associated Genes in African and Non-African Populations. <i>American Journal of Human Genetics</i> , 2013, 93, 545-554.	2.6	189
5	Genetic determinants of daytime napping and effects on cardiometabolic health. <i>Nature Communications</i> , 2021, 12, 900.	5.8	136
6	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.	2.6	123
7	Genome-wide association analysis of self-reported daytime sleepiness identifies 42 loci that suggest biological subtypes. <i>Nature Communications</i> , 2019, 10, 3503.	5.8	117
8	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.	9.4	112
9	Single-trait and multi-trait genome-wide association analyses identify novel loci for blood pressure in African-ancestry populations. <i>PLoS Genetics</i> , 2017, 13, e1006728.	1.5	88
10	De novo mutations across 1,465 diverse genomes reveal mutational insights and reductions in the Amish founder population. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 2560-2569.	3.3	71
11	Multiethnic Meta-Analysis Identifies <i>RAI1</i> as a Possible Obstructive Sleep Apnea-related Quantitative Trait Locus in Men. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 58, 391-401.	1.4	65
12	Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. <i>Nature Communications</i> , 2019, 10, 376.	5.8	64
13	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.	5.8	62
14	Admixture mapping identifies novel loci for obstructive sleep apnea in Hispanic/Latino Americans. <i>Human Molecular Genetics</i> , 2019, 28, 675-687.	1.4	41
15	Comparison of Heritability Estimation and Linkage Analysis for Multiple Traits Using Principal Component Analyses. <i>Genetic Epidemiology</i> , 2016, 40, 222-232.	0.6	32
16	Non-REM Apnea and Hypopnea Duration Varies across Population Groups and Physiologic Traits. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 1173-1182.	2.5	32
17	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.	1.4	31
18	Is disrupted sleep a risk factor for Alzheimer's disease? Evidence from a two-sample Mendelian randomization analysis. <i>International Journal of Epidemiology</i> , 2021, 50, 817-828.	0.9	31

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19	Evolutionarily conserved regulation of sleep by epidermal growth factor receptor signaling. <i>Science Advances</i> , 2019, 5, eaax4249.	4.7	29
20	Associations of variants in the hexokinase 1 and interleukin 18 receptor regions with oxyhemoglobin saturation during sleep. <i>PLoS Genetics</i> , 2019, 15, e1007739.	1.5	28
21	Epigenome-wide association analysis of daytime sleepiness in the Multi-Ethnic Study of Atherosclerosis reveals African-American-specific associations. <i>Sleep</i> , 2019, 42, .	0.6	27
22	Genetic analysis of dietary intake identifies new loci and functional links with metabolic traits. <i>Nature Human Behaviour</i> , 2022, 6, 155-163.	6.2	22
23	Variants in angiotensin-converting enzyme 2 (<i>ANGPT2</i>) contribute to variation in nocturnal oxyhaemoglobin saturation level. <i>Human Molecular Genetics</i> , 2016, 25, ddw324.	1.4	21
24	Rare variants in fox-1 homolog A (<i>RBFOX1</i>) are associated with lower blood pressure. <i>PLoS Genetics</i> , 2017, 13, e1006678.	1.5	18
25	The Association of the Vanin-1 N131S Variant with Blood Pressure Is Mediated by Endoplasmic Reticulum-Associated Degradation and Loss of Function. <i>PLoS Genetics</i> , 2014, 10, e1004641.	1.5	16
26	Whole-genome association analyses of sleep-disordered breathing phenotypes in the NHLBI TOPMed program. <i>Genome Medicine</i> , 2021, 13, 136.	3.6	16
27	Multi-ancestry genome-wide gene-sleep interactions identify novel loci for blood pressure. <i>Molecular Psychiatry</i> , 2021, 26, 6293-6304.	4.1	13
28	Associations Between Sleep Health and Amygdala Reactivity to Negative Facial Expressions in the UK Biobank Cohort. <i>Biological Psychiatry</i> , 2022, 92, 693-700.	0.7	12
29	De novo mutations discovered in 8 Mexican American families through whole genome sequencing. <i>BMC Proceedings</i> , 2014, 8, S24.	1.8	11
30	Role of Rare and Low-Frequency Variants in Gene-Alcohol Interactions on Plasma Lipid Levels. <i>Circulation Genomic and Precision Medicine</i> , 2020, 13, e002772.	1.6	11
31	Sequencing Analysis at 8p23 Identifies Multiple Rare Variants in <i>DLC1</i> Associated with Sleep-Related Oxyhemoglobin Saturation Level. <i>American Journal of Human Genetics</i> , 2019, 105, 1057-1068.	2.6	10
32	Genome-wide survey in African Americans demonstrates potential epistasis of fitness in the human genome. <i>Genetic Epidemiology</i> , 2017, 41, 122-135.	0.6	9
33	Low oxygen saturation during sleep reduces <i>CD1D</i> and <i>RAB20</i> expressions that are reversed by CPAP therapy. <i>EBioMedicine</i> , 2020, 56, 102803.	2.7	7
34	Presence and transmission of mitochondrial heteroplasmic mutations in human populations of European and African ancestry. <i>Mitochondrion</i> , 2021, 60, 33-42.	1.6	6
35	Genome-wide pleiotropy analysis identifies novel blood pressure variants and improves its polygenic risk scores. <i>Genetic Epidemiology</i> , 2022, 46, 105-121.	0.6	6
36	Combined linkage and association analysis identifies rare and low frequency variants for blood pressure at 1q31. <i>European Journal of Human Genetics</i> , 2019, 27, 269-277.	1.4	5

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37	Associations of sleep duration and sleep-wake rhythm with lung parenchymal abnormalities on computed tomography: TheAMESA study. <i>Journal of Sleep Research</i> , 2022, 31, e13475.	1.7	5
38	Targeted Genome Sequencing Identifies Multiple Rare Variants in Caveolin-1 Associated with Obstructive Sleep Apnea. <i>American Journal of Respiratory and Critical Care Medicine</i> , 0, , .	2.5	5
39	Local Ancestry Inference in Large Pedigrees. <i>Scientific Reports</i> , 2020, 10, 189.	1.6	3
40	Cutting the fat: advances and challenges in sleep apnoea genetics. <i>European Respiratory Journal</i> , 2021, 57, 2004644.	3.1	2
41	Upregulated heme biosynthesis increases obstructive sleep apnea severity: a pathway-based Mendelian randomization study. <i>Scientific Reports</i> , 2022, 12, 1472.	1.6	2
42	Rare coding variants in RCN3 are associated with blood pressure. <i>BMC Genomics</i> , 2022, 23, 148.	1.2	2
43	0698 Genetic susceptibility to elevated C-reactive protein and risk of obstructive sleep apnea in US men and women. <i>Sleep</i> , 2022, 45, A306-A306.	0.6	1
44	0026 Targeted genome sequencing identifies multiple rare variants in Caveolin-1 associated with obstructive sleep apnea. <i>Sleep</i> , 2022, 45, A12-A12.	0.6	1
45	Genetics of obstructive sleep apnea. , 2023, , 55-64.		0
46	0034 Genetic Determinants of Cardiometabolic and Pulmonary Traits and Obstructive Sleep Apnea in the Hispanic Community Health Study/Study of Latinos. <i>Sleep</i> , 2022, 45, A16-A16.	0.6	0
47	0285 Excessive daytime sleepiness with long sleep duration increases myocardial infarction risk. <i>Sleep</i> , 2022, 45, A129-A129.	0.6	0