

# Chunyu Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6778854/publications.pdf>

Version: 2024-02-01

32  
papers

2,407  
citations

758635

12  
h-index

500791

28  
g-index

35  
all docs

35  
docs citations

35  
times ranked

6625  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of Daily Routines Between Middle-aged and Older Participants With and Those Without Diabetes in the Electronic Framingham Heart Study: Cohort Study. JMIR Diabetes, 2022, 7, e29107.	0.9	2
2	Comparison of mitochondrial DNA sequences from whole blood and lymphoblastoid cell lines. Scientific Reports, 2022, 12, 1801.	1.6	0
3	Rare coding variants in RCN3 are associated with blood pressure. BMC Genomics, 2022, 23, 148.	1.2	2
4	Relations Between BMI Trajectories and Habitual Physical Activity Measured by a Smartwatch in the Electronic Cohort of the Framingham Heart Study: Cohort Study. JMIR Cardio, 2022, 6, e32348.	0.7	3
5	Diet Quality Scores Are Positively Associated with Whole Blood-Derived Mitochondrial DNA Copy Number in the Framingham Heart Study. Journal of Nutrition, 2022, 152, 690-697.	1.3	7
6	Integrative analysis of clinical and epigenetic biomarkers of mortality. Aging Cell, 2022, 21, e13608.	3.0	8
7	Complex trait methylation scores in the prediction of major depressive disorder. EBioMedicine, 2022, 79, 104000.	2.7	4
8	A bioinformatics pipeline for estimating mitochondrial DNA copy number and heteroplasmy levels from whole genome sequencing data. NAR Genomics and Bioinformatics, 2022, 4, lqac034.	1.5	12
9	JEM: A joint test to estimate the effect of multiple genetic variants on DNA methylation. Genetic Epidemiology, 2021, 45, 280-292.	0.6	0
10	Adherence of Mobile App-Based Surveys and Comparison With Traditional Surveys: eCohort Study. Journal of Medical Internet Research, 2021, 23, e24773.	2.1	13
11	Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program. Nature, 2021, 590, 290-299.	13.7	1,069
12	Association of Habitual Physical Activity With Home Blood Pressure in the Electronic Framingham Heart Study (eFHS): Cross-sectional Study. Journal of Medical Internet Research, 2021, 23, e25591.	2.1	9
13	Design, deployment, and usability of a mobile system for cardiovascular health monitoring within the electronic Framingham Heart Study. Cardiovascular Digital Health Journal, 2021, 2, 171-178.	0.5	11
14	Associations of Alcohol Consumption with Cardiovascular Disease-Related Proteomic Biomarkers: The Framingham Heart Study. Journal of Nutrition, 2021, 151, 2574-2582.	1.3	5
15	Presence and transmission of mitochondrial heteroplasmic mutations in human populations of European and African ancestry. Mitochondrion, 2021, 60, 33-42.	1.6	6
16	Association of mitochondrial DNA copy number with cardiometabolic diseases. Cell Genomics, 2021, 1, 100006.	3.0	26
17	Stress and spirituality in relation to HPA axis gene methylation among US Black women: results from the Black Women's Health Study and the Study on Stress, Spirituality and Health. Epigenomics, 2021, 13, 1711-1734.	1.0	3
18	No evidence of association between habitual physical activity and ECG traits Insights from the electronic Framingham Heart Study. Cardiovascular Digital Health Journal, 2021, 3, 56-58.	0.5	0

#	ARTICLE	IF	CITATIONS
19	Mitochondrial DNA copy number can influence mortality and cardiovascular disease via methylation of nuclear DNA CpGs. <i>Genome Medicine</i> , 2020, 12, 84.	3.6	63
20	Discovery of rare variants associated with blood pressure regulation through meta-analysis of 1.3 million individuals. <i>Nature Genetics</i> , 2020, 52, 1314-1332.	9.4	91
21	Association of Habitual Physical Activity With Cardiovascular Disease Risk. <i>Circulation Research</i> , 2020, 127, 1253-1260.	2.0	36
22	Blood DNA methylation sites predict death risk in a longitudinal study of 12, 300 individuals. <i>Aging</i> , 2020, 12, 14092-14124.	1.4	15
23	Blood Leukocyte DNA Methylation Predicts Risk of Future Myocardial Infarction and Coronary Heart Disease. <i>Circulation</i> , 2019, 140, 645-657.	1.6	151
24	New alcohol-related genes suggest shared genetic mechanisms with neuropsychiatric disorders. <i>Nature Human Behaviour</i> , 2019, 3, 950-961.	6.2	75
25	Genome-wide identification of DNA methylation QTLs in whole blood highlights pathways for cardiovascular disease. <i>Nature Communications</i> , 2019, 10, 4267.	5.8	139
26	Validation and characterisation of a DNA methylation alcohol biomarker across the life course. <i>Clinical Epigenetics</i> , 2019, 11, 163.	1.8	13
27	Associations of Mitochondrial and Nuclear Mitochondrial Variants and Genes with Seven Metabolic Traits. <i>American Journal of Human Genetics</i> , 2019, 104, 112-138.	2.6	106
28	Trans-ethnic association study of blood pressure determinants in over 750,000 individuals. <i>Nature Genetics</i> , 2019, 51, 51-62.	9.4	328
29	Meta-analysis of epigenome-wide association studies of cognitive abilities. <i>Molecular Psychiatry</i> , 2018, 23, 2133-2144.	4.1	68
30	Genome-wide identification of microRNA expression quantitative trait loci. <i>Nature Communications</i> , 2015, 6, 6601.	5.8	134
31	Association Testing of the Mitochondrial Genome Using Pedigree Data. <i>Genetic Epidemiology</i> , 2013, 37, 239-247.	0.6	6
32	Comparisons of case-selection approaches based on allele sharing and/or disease severity index: application to the GAW14 simulated data. <i>BMC Genetics</i> , 2005, 6, S103.	2.7	1