

Ping Zeng

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

59
papers

543
citations

13
h-index

21
g-index

72
ext. papers

934
ext. citations

5.6
avg, IF

4.81
L-index

#	Paper	IF	Citations
59	Detecting epistasis with the marginal epistasis test in genetic mapping studies of quantitative traits. <i>PLoS Genetics</i> , 2017 , 13, e1006869	6	53
58	Non-parametric genetic prediction of complex traits with latent Dirichlet process regression models. <i>Nature Communications</i> , 2017 , 8, 456	17.4	53
57	Causal effects of blood lipids on amyotrophic lateral sclerosis: a Mendelian randomization study. <i>Human Molecular Genetics</i> , 2019 , 28, 688-697	5.6	52
56	Statistical analysis for genome-wide association study. <i>Journal of Biomedical Research</i> , 2015 , 29, 285-97	1.5	40
55	Causal association of type 2 diabetes with amyotrophic lateral sclerosis: new evidence from Mendelian randomization using GWAS summary statistics. <i>BMC Medicine</i> , 2019 , 17, 225	11.4	35
54	Testing and controlling for horizontal pleiotropy with probabilistic Mendelian randomization in transcriptome-wide association studies. <i>Nature Communications</i> , 2020 , 11, 3861	17.4	27
53	Causal Association Between Birth Weight and Adult Diseases: Evidence From a Mendelian Randomization Analysis. <i>Frontiers in Genetics</i> , 2019 , 10, 618	4.5	24
52	Identifying and exploiting trait-relevant tissues with multiple functional annotations in genome-wide association studies. <i>PLoS Genetics</i> , 2018 , 14, e1007186	6	23
51	Pleiotropic mapping and annotation selection in genome-wide association studies with penalized Gaussian mixture models. <i>Bioinformatics</i> , 2018 , 34, 2797-2807	7.2	17
50	Prediction of gene expression with cis-SNPs using mixed models and regularization methods. <i>BMC Genomics</i> , 2017 , 18, 368	4.5	17
49	Stray dogs as indicators of <i>Toxoplasma gondii</i> distributed in the environment: the first report across an urban-rural gradient in China. <i>Parasites and Vectors</i> , 2012 , 5, 5	4	17
48	Alcohol Drinking and Amyotrophic Lateral Sclerosis: An Instrumental Variable Causal Inference. <i>Annals of Neurology</i> , 2020 , 88, 195-198	9.4	16
47	Variable selection approach for zero-inflated count data via adaptive lasso. <i>Journal of Applied Statistics</i> , 2014 , 41, 879-894	1	16
46	Multi-trait transcriptome-wide association studies with probabilistic Mendelian randomization. <i>American Journal of Human Genetics</i> , 2021 , 108, 240-256	11	13
45	Association Between Premorbid Body Mass Index and Amyotrophic Lateral Sclerosis: Causal Inference Through Genetic Approaches. <i>Frontiers in Neurology</i> , 2019 , 10, 543	4.1	12
44	Likelihood ratio tests in rare variant detection for continuous phenotypes. <i>Annals of Human Genetics</i> , 2014 , 78, 320-32	2.2	12
43	Relationship between birth weight and chronic kidney disease: evidence from systematic review and two-sample Mendelian randomization analysis. <i>Human Molecular Genetics</i> , 2020 , 29, 2261-2274	5.6	10

42	Permutation-based variance component test in generalized linear mixed model with application to multilocus genetic association study. <i>BMC Medical Research Methodology</i> , 2015 , 15, 37	4.7	7
41	Rare variants detection with kernel machine learning based on likelihood ratio test. <i>PLoS ONE</i> , 2014 , 9, e93355	3.7	7
40	Evaluation of the causal effects of blood lipid levels on gout with summary level GWAS data: two-sample Mendelian randomization and mediation analysis. <i>Journal of Human Genetics</i> , 2021 , 66, 465-473	4.3	7
39	Statistical methods for mediation analysis in the era of high-throughput genomics: Current successes and future challenges. <i>Computational and Structural Biotechnology Journal</i> , 2021 , 19, 3209-3224	6.8	7
38	Jackknife Model Averaging Prediction Methods for Complex Phenotypes with Gene Expression Levels by Integrating External Pathway Information. <i>Computational and Mathematical Methods in Medicine</i> , 2019 , 2019, 2807470	2.8	6
37	Multiple-Tissue Integrative Transcriptome-Wide Association Studies Discovered New Genes Associated With Amyotrophic Lateral Sclerosis. <i>Frontiers in Genetics</i> , 2020 , 11, 587243	4.5	6
36	Birth Weight and Stroke in Adult Life: Genetic Correlation and Causal Inference With Genome-Wide Association Data Sets. <i>Frontiers in Neuroscience</i> , 2020 , 14, 479	5.1	5
35	A two-stage Bayesian method for estimating accuracy and disease prevalence for two dependent dichotomous screening tests when the status of individuals who are negative on both tests is unverified. <i>BMC Medical Research Methodology</i> , 2014 , 14, 110	4.7	5
34	How Can Gene-Expression Information Improve Prognostic Prediction in TCGA Cancers: An Empirical Comparison Study on Regularization and Mixed Cox Models. <i>Frontiers in Genetics</i> , 2020 , 11, 920	4.5	5
33	Aggregating multiple expression prediction models improves the power of transcriptome-wide association studies. <i>Human Molecular Genetics</i> , 2021 , 30, 939-951	5.6	5
32	Assessing the Relationship Between Leukocyte Telomere Length and Cancer Risk/Mortality in UK Biobank and TCGA Datasets With the Genetic Risk Score and Mendelian Randomization Approaches. <i>Frontiers in Genetics</i> , 2020 , 11, 583106	4.5	4
31	Birth weight is not causally associated with adult asthma: results from instrumental variable analyses. <i>Scientific Reports</i> , 2019 , 9, 7647	4.9	3
30	Verification of the correlation between progression-free survival and overall survival considering magnitudes of survival post- progression in the treatment of four types of cancer. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015 , 16, 1001-6	1.7	3
29	Testing and controlling for horizontal pleiotropy with the probabilistic Mendelian randomization in transcriptome-wide association studies		3
28	Are blood lipids risk factors for fracture? Integrative evidence from instrumental variable causal inference and mediation analysis using genetic data. <i>Bone</i> , 2020 , 131, 115174	4.7	3
27	Detection of Genetic Overlap Between Rheumatoid Arthritis and Systemic Lupus Erythematosus Using GWAS Summary Statistics. <i>Frontiers in Genetics</i> , 2021 , 12, 656545	4.5	3
26	Birth weight is positively associated with adult osteoporosis risk: observational and Mendelian randomization studies. <i>Journal of Bone and Mineral Research</i> , 2021 , 36, 1469-1480	6.3	3
25	Evaluating marginal genetic correlation of associated loci for complex diseases and traits between European and East Asian populations. <i>Human Genetics</i> , 2021 , 140, 1285-1297	6.3	3

24	New novel non-MHC genes were identified for cervical cancer with an integrative analysis approach of transcriptome-wide association study. <i>Journal of Cancer</i> , 2021 , 12, 840-848	4.5	3
23	Detecting the Genomic Signature of Divergent Selection in Presence of Gene Flow. <i>Current Genomics</i> , 2015 , 16, 194-202	2.6	2
22	Leveraging methylation to identify the potential causal genes associated with survival in lung adenocarcinoma and lung squamous cell carcinoma. <i>Oncology Letters</i> , 2020 , 20, 193-200	2.6	2
21	Leveraging Methylation Alterations to Discover Potential Causal Genes Associated With the Survival Risk of Cervical Cancer in TCGA Through a Two-Stage Inference Approach. <i>Frontiers in Genetics</i> , 2021 , 12, 667877	4.5	2
20	Mendelian Randomization Highlights the Causal Role of Normal Thyroid Function on Blood Lipid Profiles. <i>Endocrinology</i> , 2021 , 162,	4.8	2
19	Evaluation of vaccine seroresponse rates and adverse event rates through Bayesian and frequentist methods. <i>Human Vaccines and Immunotherapeutics</i> , 2015 , 11, 1557-63	4.4	1
18	Cis-SNPs Set Testing and PrediXcan Analysis for Gene Expression Data using Linear Mixed Models. <i>Scientific Reports</i> , 2017 , 7, 15237	4.9	1
17	Stability SCAD: a powerful approach to detect interactions in large-scale genomic study. <i>BMC Bioinformatics</i> , 2014 , 15, 62	3.6	1
16	Causal Association between Birth Weight and Adult Diseases: Evidence from a Mendelian Randomisation Analysis		1
15	Detecting Epistasis with the Marginal Epistasis Test in Genetic Mapping Studies of Quantitative Traits		1
14	Mendelian randomization implies no direct causal association between leukocyte telomere length and amyotrophic lateral sclerosis. <i>Scientific Reports</i> , 2020 , 10, 12184	4.9	1
13	Instrumental Heterogeneity in Sex-Specific Two-Sample Mendelian Randomization: Empirical Results From the Relationship Between Anthropometric Traits and Breast/Prostate Cancer. <i>Frontiers in Genetics</i> , 2021 , 12, 651332	4.5	1
12	IUSMMT: Survival mediation analysis of gene expression with multiple DNA methylation exposures and its application to cancers of TCGA. <i>PLoS Computational Biology</i> , 2021 , 17, e1009250	5	1
11	Identifying pleiotropic genes for complex phenotypes with summary statistics from a perspective of composite null hypothesis testing. <i>Briefings in Bioinformatics</i> , 2021 ,	13.4	1
10	A comprehensive gene-centric pleiotropic association analysis for 14 psychiatric disorders with GWAS summary statistics.. <i>BMC Medicine</i> , 2021 , 19, 314	11.4	0
9	Integrative eQTL-weighted hierarchical Cox models for SNP-set based time-to-event association studies. <i>Journal of Translational Medicine</i> , 2021 , 19, 418	8.5	0
8	Evaluating Causal Relationship Between Metabolites and Six Cardiovascular Diseases Based on GWAS Summary Statistics. <i>Frontiers in Genetics</i> , 2021 , 12, 746677	4.5	0
7	Improved Detection of Potentially Pleiotropic Genes in Coronary Artery Disease and Chronic Kidney Disease Using GWAS Summary Statistics. <i>Frontiers in Genetics</i> , 2020 , 11, 592461	4.5	0

6	Novel Autophagy-Related Gene Signature Investigation for Patients With Oral Squamous Cell Carcinoma. <i>Frontiers in Genetics</i> , 2021 , 12, 673319	4.5	○
5	Type 2 Diabetes Mellitus and Amyotrophic Lateral Sclerosis: Genetic Overlap, Causality, and Mediation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, e4497-e4508	5.6	○
4	Developing ZNF Gene Signatures Predicting Radiosensitivity of Patients with Breast Cancer. <i>Journal of Oncology</i> , 2021 , 2021, 9255494	4.5	○
3	Assessing Causal Relationship Between Human Blood Metabolites and Five Neurodegenerative Diseases With GWAS Summary Statistics.. <i>Frontiers in Neuroscience</i> , 2021 , 15, 680104	5.1	○
2	The Mediating Role of Social Support in the Relationship Between Psychological Capital and Depression Among Chinese Emergency Physicians.. <i>Psychology Research and Behavior Management</i> , 2022 , 15, 977-990	3.8	○
1	Exploring the association between birthweight and breast cancer using summary statistics from a perspective of genetic correlation, mediation, and causality.. <i>Journal of Translational Medicine</i> , 2022 , 20, 227	8.5	○