

# Dabao Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

1,843  
citations

687335

13  
h-index

434170

31  
g-index

31  
all docs

31  
docs citations

31  
times ranked

2875  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Collaborative Cross, a community resource for the genetic analysis of complex traits. <i>Nature Genetics</i> , 2004, 36, 1133-1137.	21.4	1,034
2	A Coefficient of Determination for Generalized Linear Models. <i>American Statistician</i> , 2017, 71, 310-316.	1.6	226
3	HIV-1 Transactivator of Transcription Protein Induces Mitochondrial Hyperpolarization and Synaptic Stress Leading to Apoptosis. <i>Journal of Immunology</i> , 2005, 174, 4333-4344.	0.8	95
4	Two-Dimensional Correlation Optimized Warping Algorithm for Aligning GC $\text{--}$ GC $\text{--}$ MS Data. <i>Analytical Chemistry</i> , 2008, 80, 2664-2671.	6.5	93
5	Nonparametric estimation of the dependence function for a multivariate extreme value distribution. <i>Journal of Multivariate Analysis</i> , 2008, 99, 577-588.	1.0	46
6	Mapping Multiple Quantitative Trait Loci by Bayesian Classification. <i>Genetics</i> , 2005, 169, 2305-2318.	2.9	41
7	Transcriptional activation of PRMT5 by NF- $\kappa$ B is required for cell growth and negatively regulated by the PKC/c-Fos signaling in prostate cancer cells. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2014, 1839, 1330-1340.	1.9	40
8	Variable selection for large p small n regression models with incomplete data: Mapping QTL with epistases. <i>BMC Bioinformatics</i> , 2008, 9, 251.	2.6	37
9	Chromosome Size in Diploid Eukaryotic Species Centers on the Average Length with a Conserved Boundary. <i>Molecular Biology and Evolution</i> , 2011, 28, 1901-1911.	8.9	31
10	Exploring Metabolic Profile Differences between Colorectal Polyp Patients and Controls Using Seemingly Unrelated Regression. <i>Journal of Proteome Research</i> , 2015, 14, 2492-2499.	3.7	28
11	Proteomic analysis of peripheral leukocytes in Alzheimer's disease patients treated with divalproex sodium. <i>Neurobiology of Aging</i> , 2008, 29, 1631-1643.	3.1	23
12	Penalized orthogonal-components regression for large p small n data. <i>Electronic Journal of Statistics</i> , 2009, 3, .	0.7	18
13	Altered metabolite levels and correlations in patients with colorectal cancer and polyps detected using seemingly unrelated regression analysis. <i>Metabolomics</i> , 2017, 13, 1.	3.0	15
14	Bayesian Normalization and Identification for Differential Gene Expression Data. <i>Journal of Computational Biology</i> , 2005, 12, 391-406.	1.6	13
15	Orphanin FQ Antagonizes the Inhibition of Ca $\text{2+}$ Currents Induced by $\mu$ -Opioid Receptors. <i>Journal of Molecular Neuroscience</i> , 2005, 25, 021-028.	2.3	12
16	Exploring the Effects of Genetic Variants on Clinical Profiles of Parkinson's Disease Assessed by the Unified Parkinson's Disease Rating Scale and the Hoehn-Yahr Stage. <i>PLoS ONE</i> , 2016, 11, e0155758.	2.5	12
17	Multiplicative background correction for spotted microarrays to improve reproducibility. <i>Genetical Research</i> , 2006, 87, 195-206.	0.9	11
18	EMPIRICAL-LIKELIHOOD-BASED CONFIDENCE INTERVALS FOR CONDITIONAL VARIANCE IN HETEROSKEDASTIC REGRESSION MODELS. <i>Econometric Theory</i> , 2011, 27, 154-177.	0.7	11

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19	Inferring Gene Regulatory Networks from a Population of Yeast Segregants. <i>Scientific Reports</i> , 2019, 9, 1197.	3.3	11
20	Genetic architecture of root and shoot ionomes in rice ( <i>Oryza sativa</i> L.). <i>Theoretical and Applied Genetics</i> , 2021, 134, 2613-2637.	3.6	9
21	Genotyping Error Detection in Samples of Unrelated Individuals without Replicate Genotyping. <i>Human Heredity</i> , 2009, 67, 154-162.	0.8	7
22	Large-scale identification of expression quantitative trait loci in <i>Arabidopsis</i> reveals novel candidate regulators of immune responses and other processes. <i>Journal of Integrative Plant Biology</i> , 2020, 62, 1469-1484.	8.5	7
23	Bayesian profiling of molecular signatures to predict event times. <i>Theoretical Biology and Medical Modelling</i> , 2007, 4, 3.	2.1	4
24	Genome-wide case-control study in GAW17 using coalesced rare variants. <i>BMC Proceedings</i> , 2011, 5, S110.	1.6	4
25	Hierarchical Graphical Models. <i>Journal of the American Statistical Association</i> , 2005, 100, 719-727.	3.1	3
26	Risk Analysis via Generalized Pareto Distributions. <i>Journal of Business and Economic Statistics</i> , 2022, 40, 852-867.	2.9	3
27	Serum metabolomic analysis reveals several novel metabolites in association with excessive alcohol use – an exploratory study. <i>Translational Research</i> , 2022, 240, 87-98.	5.0	3
28	Lack of association between dendritic cell nuclear protein-1 gene and major depressive disorder in the Han Chinese population. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 45, 7-10.	4.8	2
29	Integrating Biological Knowledge Into Case-Control Analysis Through Iterated Conditional Modes/Medians Algorithm. <i>Journal of Computational Biology</i> , 2020, 27, 1171-1179.	1.6	2
30	Generalized orthogonal components regression for high dimensional generalized linear models. <i>Computational Statistics and Data Analysis</i> , 2015, 88, 119-127.	1.2	1
31	Advanced Statistical Methods for NMR-Based Metabolomics. <i>Methods in Molecular Biology</i> , 2019, 2037, 471-482.	0.9	1