

# Zhide Fang

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

865  
citations

777949

13  
h-index

563245

28  
g-index

44  
all docs

44  
docs citations

44  
times ranked

1767  
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust RNA-seq data analysis using an integrated method of ROC curve and Kolmogorov-Smirnov test. Communications in Statistics Part B: Simulation and Computation, 2022, 51, 7444-7457.	0.6	4
2	Intake Patterns of Specific Alcoholic Beverages by Prostate Cancer Status. Cancers, 2022, 14, 1981.	1.7	0
3	Tuned in to communication sounds: Neuronal sensitivity in the t <sup>Â</sup> ngara frog midbrain to frequency modulated signals. PLoS ONE, 2022, 17, e0268383.	1.1	2
4	Adaptive robust local online density estimation for streaming data. International Journal of Machine Learning and Cybernetics, 2021, 12, 1803-1824.	2.3	5
5	Alcohol Intake and Alcohol-SNP Interactions Associated with Prostate Cancer Aggressiveness. Journal of Clinical Medicine, 2021, 10, 553.	1.0	3
6	KLK3 SNP-SNP interactions for prediction of prostate cancer aggressiveness. Scientific Reports, 2021, 11, 9264.	1.6	5
7	CSRDA: Cost-sensitive Regularized Dual Averaging for Handling Imbalanced and High-dimensional Streaming Data. , 2021, , .		3
8	Interactions of PVT1 and CASC11 on Prostate Cancer Risk in African Americans. Cancer Epidemiology Biomarkers and Prevention, 2019, 28, 1067-1075.	1.1	14
9	Change in Policy Allowing Overlapping Surgery Decreases Length of Stay in an Academic, Safety-Net Hospital. Operative Neurosurgery, 2019, 17, 543-548.	0.4	2
10	Locally optimal designs for some dose-response models with continuous endpoints. Communications in Statistics - Theory and Methods, 2018, 47, 3803-3819.	0.6	3
11	Locally optimal designs for binary dose-response models. Canadian Journal of Statistics, 2018, 46, 336-354.	0.6	4
12	Statistical correction for functional metagenomic profiling of a microbial community with short NGS reads. Journal of Applied Statistics, 2018, 45, 2521-2535.	0.6	0
13	Online Density Estimation over Streaming Data: A Local Adaptive Solution. , 2018, , .		4
14	Aluminum in Neurological Disease - a 36 Year Multicenter Study. , 2018, 08, .		20
15	SNP interaction pattern identifier (SIPI): an intensive search for SNP-SNP interaction patterns. Bioinformatics, 2017, 33, 822-833.	1.8	11
16	Beta approximation of ratio distribution and its application to next generation sequencing read counts. Journal of Applied Statistics, 2017, 44, 57-70.	0.6	5
17	Optimal designs for spline wavelet regression models. Journal of Statistical Planning and Inference, 2017, 184, 94-104.	0.4	3
18	Circulating inflammation-resolving lipid mediators RvD1 and DHA are decreased in patients with acutely symptomatic carotid disease. Prostaglandins Leukotrienes and Essential Fatty Acids, 2017, 125, 43-47.	1.0	40

#	ARTICLE	IF	CITATIONS
19	CSTG: An Effective Framework for Cost-sensitive Sparse Online Learning. , 2017, 2017, 759-767.		6
20	Integrative Genomics and Transcriptomics Analysis Reveals Potential Mechanisms for Favorable Prognosis of Patients with HPV-Positive Head and Neck Carcinomas. Scientific Reports, 2016, 6, 24927.	1.6	25
21	Dysfunctional epileptic neuronal circuits and dysmorphic dendritic spines are mitigated by platelet-activating factor receptor antagonism. Scientific Reports, 2016, 6, 30298.	1.6	36
22	An Integrated Approach for RNA-seq Data Normalization. Cancer Informatics, 2016, 15, CIN.S39781.	0.9	10
23	Sodium butyrate epigenetically modulates high-fat diet-induced skeletal muscle mitochondrial adaptation, obesity and insulin resistance through nucleosome positioning. British Journal of Pharmacology, 2015, 172, 2782-2798.	2.7	123
24	A Statistical Approach to Correcting Cross-Annotations in a Metagenomic Functional Profile Generated by Short Reads. Journal of Biometrics & Biostatistics, 2014, 05, .	4.0	2
25	BCRgt: a Bayesian cluster regression-based genotyping algorithm for the samples with copy number alterations. BMC Bioinformatics, 2014, 15, 74.	1.2	1
26	Characterization of Admissible Linear Estimators in Multivariate Linear Model with Respect to Inequality Constraints under Matrix Loss Function. Communications in Statistics - Theory and Methods, 2013, 42, 2837-2850.	0.6	1
27	PAIR: paired allelic log-intensity-ratio-based normalization method for SNP-CGH arrays. Bioinformatics, 2013, 29, 299-307.	1.8	6
28	The Sequence Structures of Human MicroRNA Molecules and Their Implications. PLoS ONE, 2013, 8, e54215.	1.1	56
29	An Artificial Functional Family Filter in Homolog Searching in Next-generation Sequencing Metagenomics. PLoS ONE, 2013, 8, e58669.	1.1	8
30	Model guided adaptive design and analysis in computer experiment. Statistical Analysis and Data Mining, 2012, 5, 399-409.	1.4	1
31	Statistical methods for identifying differentially expressed genes in RNA-Seq experiments. Cell and Bioscience, 2012, 2, 26.	2.1	41
32	Uniform Approximation Is More Appropriate for Wilcoxon Rank-Sum Test in Gene Set Analysis. PLoS ONE, 2012, 7, e31505.	1.1	11
33	Design and validation issues in RNA-seq experiments. Briefings in Bioinformatics, 2011, 12, 280-287.	3.2	184
34	An adaptive sampling scheme guided by BART with an application to predict processor performance. Canadian Journal of Statistics, 2010, 38, 136-152.	0.6	2
35	Locally D-optimal designs for multistage models and heteroscedastic polynomial regression models. Journal of Statistical Planning and Inference, 2006, 136, 4059-4070.	0.4	3
36	Bayesian Minimally Supported D-Optimal Designs for an Exponential Regression Model. Communications in Statistics - Theory and Methods, 2004, 33, 1187-1204.	0.6	5

#	ARTICLE	IF	CITATIONS
37	Extrapolation designs with constraints. Canadian Journal of Statistics, 2003, 31, 457-468.	0.6	1
38	Multi-State Consecutive- k -out-of- n Systems. IIE Transactions, 2003, 35, 527-534.	2.1	62
39	Performance Evaluation of Decreasing Multi-State Consecutive-k-out-of-n: G Systems. International Journal of Reliability, Quality and Safety Engineering, 2003, 10, 345-358.	0.4	14
40	Integer-Valued, Minimax Robust Designs for Estimation and Extrapolation in Heteroscedastic, Approximately Linear Models. Journal of the American Statistical Association, 2000, 95, 807-818.	1.8	44
41	Robust extrapolation designs and weights for biased regression models with heteroscedastic errors. Canadian Journal of Statistics, 1999, 27, 751-770.	0.6	15
42	Integer-Valued, Minimax Robust Designs for Estimation and Extrapolation in Heteroscedastic, Approximately Linear Models. , 0, .		21