

# Xianyang Zhang

## List of Publications by Year in descending order

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27  
papers

499  
citations

1040056

9  
h-index

713466

21  
g-index

27  
all docs

27  
docs citations

27  
times ranked

346  
citing authors

#	ARTICLE	IF	CITATIONS
1	Testing for Change Points in Time Series. <i>Journal of the American Statistical Association</i> , 2010, 105, 1228-1240.	3.1	150
2	Simultaneous Inference for High-Dimensional Linear Models. <i>Journal of the American Statistical Association</i> , 2017, 112, 757-768.	3.1	67
3	White noise testing and model diagnostic checking for functional time series. <i>Journal of Econometrics</i> , 2016, 194, 76-95.	6.5	40
4	Predictive Modeling of Microbiome Data Using a Phylogeny-Regularized Generalized Linear Mixed Model. <i>Frontiers in Microbiology</i> , 2018, 9, 1391.	3.5	35
5	Testing the structural stability of temporally dependent functional observations and application to climate projections. <i>Electronic Journal of Statistics</i> , 2011, 5, .	0.7	31
6	Two sample inference for the second-order property of temporally dependent functional data. <i>Bernoulli</i> , 2015, 21, .	1.3	28
7	Fixed-smoothing asymptotics for time series. <i>Annals of Statistics</i> , 2013, 41, .	2.6	22
8	Distance Metrics for Measuring Joint Dependence with Application to Causal Inference. <i>Journal of the American Statistical Association</i> , 2019, 114, 1638-1650.	3.1	22
9	A Phylogeny-Regularized Sparse Regression Model for Predictive Modeling of Microbial Community Data. <i>Frontiers in Microbiology</i> , 2018, 9, 3112.	3.5	20
10	A new framework for distance and kernel-based metrics in high dimensions. <i>Electronic Journal of Statistics</i> , 2021, 15, .	0.7	14
11	D-MANOVA: fast distance-based multivariate analysis of variance for large-scale microbiome association studies. <i>Bioinformatics</i> , 2021, 38, 286-288.	4.1	10
12	Covariate Adaptive False Discovery Rate Control With Applications to Omics-Wide Multiple Testing. <i>Journal of the American Statistical Association</i> , 2022, 117, 411-427.	3.1	9
13	Leveraging biological and statistical covariates improves the detection power in epigenome-wide association testing. <i>Genome Biology</i> , 2020, 21, 88.	8.8	9
14	Comparison between spatio-temporal random processes and application to climate model data. <i>Environmetrics</i> , 2016, 27, 267-279.	1.4	7
15	Self-normalization for Spatial Data. <i>Scandinavian Journal of Statistics</i> , 2014, 41, 311-324.	1.4	6
16	Fixed-smoothing asymptotics in the generalized empirical likelihood estimation framework. <i>Journal of Econometrics</i> , 2016, 193, 123-146.	6.5	5
17	A pseudoproxy assessment of why climate field reconstruction methods perform the way they do in time and space. <i>Climate of the Past</i> , 2021, 17, 2583-2605.	3.4	5
18	Detection of Local Differences in Spatial Characteristics Between Two Spatiotemporal Random Fields. <i>Journal of the American Statistical Association</i> , 2022, 117, 291-306.	3.1	4

#	ARTICLE	IF	CITATIONS
19	Covariate adaptive familywise error rate control for genome-wide association studies. <i>Biometrika</i> , 2021, 108, 915-931.	2.4	3
20	High-dimensional robust inference for Cox regression models using desparsified Lasso. <i>Scandinavian Journal of Statistics</i> , 2021, 48, 1068-1095.	1.4	3
21	Optimal false discovery rate control for large scale multiple testing with auxiliary information. <i>Annals of Statistics</i> , 2022, 50, .	2.6	3
22	On the Coverage Bound Problem of Empirical Likelihood Methods for Time Series. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2016, 78, 395-421.	2.2	2
23	2dFDR: a new approach to confounder adjustment substantially increases detection power in omics association studies. <i>Genome Biology</i> , 2021, 22, 208.	8.8	2
24	On a general class of long run variance estimators. <i>Economics Letters</i> , 2013, 120, 437-441.	1.9	1
25	Initial severity-dependent longitudinal model with application to a randomized controlled trial of women with depression. <i>Statistics in Medicine</i> , 2019, 38, 1678-1689.	1.6	1
26	Meromorphic solutions of a kind of functional equations of Diophantine type. <i>Annales Polonici Mathematici</i> , 2008, 94, 265-273.	0.5	0
27	Fixed-b asymptotics for blockwise empirical likelihood. <i>Statistica Sinica</i> , 2014, , .	0.3	0