Xiao Wang

List of Publications by Year
in descending order

18	481	1307594 7	1058476 14
papers	citations	h-index	g-index

18	18	18	399
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An Inverse Gaussian Process Model for Degradation Data. Technometrics, 2010, 52, 188-197.	1.9	294
2	Generalized Scalar-on-Image Regression Models via Total Variation. Journal of the American Statistical Association, 2017, 112, 1156-1168.	3.1	52
3	Optimal Penalized Function-on-Function Regression Under a Reproducing Kernel Hilbert Space Framework. Journal of the American Statistical Association, 2018, 113, 1601-1611.	3.1	30
4	D-CCA: A Decomposition-Based Canonical Correlation Analysis for High-Dimensional Datasets. Journal of the American Statistical Association, 2020, 115, 292-306.	3.1	22
5	Nonparametric Estimation of Spatial and Space-Time Covariance Function. Journal of Agricultural, Biological, and Environmental Statistics, 2013, 18, 611-630.	1.4	21
6	A class of grouped Brunk estimators and penalized spline estimators for monotone regression. Biometrika, 2010, 97, 585-601.	2.4	12
7	Nonlinear Variable Selection via Deep Neural Networks. Journal of Computational and Graphical Statistics, 2021, 30, 484-492.	1.7	12
8	High-Dimensional Spatial Quantile Function-on-Scalar Regression. Journal of the American Statistical Association, 2022, 117, 1563-1578.	3.1	9
9	Resilient UAV Traffic Congestion Control Using Fluid Queuing Models. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 7561-7572.	8.0	7
10	Penalized Likelihood Functional Regression. Statistica Sinica, 2014, , .	0.3	6
11	ALMOND: Adaptive Latent Modeling and Optimization via Neural Networks and Langevin Diffusion. Journal of the American Statistical Association, 2021, 116, 1224-1236.	3.1	5
12	Inferential Wasserstein Generative Adversarial Networks. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2022, 84, 83-113.	2.2	5
13	Estimation of shape constrained functions in dynamical systems and its application to gene networks. , 2010, , .		2
14	Convex regression via penalized splines: A complementarity approach. , 2012, , .		2
15	Scalable network estimation with L₀ penalty. Statistical Analysis and Data Mining, 2021, 14, 18-30.	2.8	1
16	A nonlinear sparse neural ordinary differential equation model for multiple functional processes. Canadian Journal of Statistics, 2022, 50, 59-85.	0.9	1
17	Weight normalized deep neural networks. Stat, 2021, 10, e344.	0.4	0
18	Theoretical Investigation of Generalization Bounds for Adversarial Learning of Deep Neural Networks. Journal of Statistical Theory and Practice, 2021, 15, 1.	0.5	0