

# Xiao Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/754466/publications.pdf>

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18  
papers

481  
citations

1307594

7  
h-index

1058476

14  
g-index

18  
all docs

18  
docs citations

18  
times ranked

399  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Dimensional Spatial Quantile Function-on-Scalar Regression. Journal of the American Statistical Association, 2022, 117, 1563-1578.	3.1	9
2	A nonlinear sparse neural ordinary differential equation model for multiple functional processes. Canadian Journal of Statistics, 2022, 50, 59-85.	0.9	1
3	Inferential Wasserstein Generative Adversarial Networks. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2022, 84, 83-113.	2.2	5
4	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
5	Resilient UAV Traffic Congestion Control Using Fluid Queuing Models. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 7561-7572.	8.0	7
6	Weight normalized deep neural networks. Stat, 2021, 10, e344.	0.4	0
7	Scalable network estimation with $L_0$ penalty. Statistical Analysis and Data Mining, 2021, 14, 18-30.	2.8	1
8	Nonlinear Variable Selection via Deep Neural Networks. Journal of Computational and Graphical Statistics, 2021, 30, 484-492.	1.7	12
9	Theoretical Investigation of Generalization Bounds for Adversarial Learning of Deep Neural Networks. Journal of Statistical Theory and Practice, 2021, 15, 1.	0.5	0
10	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
11	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
12	Generalized Scalar-on-Image Regression Models via Total Variation. Journal of the American Statistical Association, 2017, 112, 1156-1168.	3.1	52
13	Penalized Likelihood Functional Regression. Statistica Sinica, 2014, , .	0.3	6
14	Nonparametric Estimation of Spatial and Space-Time Covariance Function. Journal of Agricultural, Biological, and Environmental Statistics, 2013, 18, 611-630.	1.4	21
15	Convex regression via penalized splines: A complementarity approach. , 2012, , .		2
16	Estimation of shape constrained functions in dynamical systems and its application to gene networks. , 2010, , .		2
17	A class of grouped Brunk estimators and penalized spline estimators for monotone regression. Biometrika, 2010, 97, 585-601.	2.4	12
18	An Inverse Gaussian Process Model for Degradation Data. Technometrics, 2010, 52, 188-197.	1.9	294