Xin Tong

List of Publications by Year
in descending order

16 papers	**284** citations	1307594 **7** h-index	1199594 **12** g-index
17 all docs	**17** docs citations	**17** times ranked	**269** citing authors

#	Article	IF	Citations
1	Eigen Selection in Spectral Clustering: A Theory-Guided Practice. Journal of the American Statistical Association, 2023, 118, 109-121.	3.1	8
2	Asymmetric Error Control Under Imperfect Supervision: A Label-Noise-Adjusted Neymanâ€"Pearson Umbrella Algorithm. Journal of the American Statistical Association, 2023, 118, 1824-1836.	3.1	0
3	Skilled Mutual Fund Selection: False Discovery Control Under Dependence. Journal of Business and Economic Statistics, 2023, 41, 578-592.	2.9	1
4	Intentional Control of Type I Error Over Unconscious Data Distortion: A Neymanâ€"Pearson Approach to Text Classification. Journal of the American Statistical Association, 2021, 116, 68-81.	3.1	3
5	Imbalanced classification: A paradigmâ€based review. Statistical Analysis and Data Mining, 2021, 14, 383-406.	2.8	13
6	A flexible model-free prediction-based framework for feature ranking.. Journal of Machine Learning Research, 2021, 22, .	62.4	0
7	Statistical Hypothesis Testing versus Machine Learning Binary Classification: Distinctions and Guidelines. Patterns, 2020, 1, 100115.	5.9	24
8	AIDE: annotation-assisted isoform discovery with high precision. Genome Research, 2019, 29, 2056-2072.	5.5	10
9	Neyman-Pearson classification algorithms and NP receiver operating characteristics. Science Advances, 2018, 4, eaao1659.	10.3	46
10	Penalized least squares estimation with weakly dependent data. Science China Mathematics, 2016, 59, 2335-2354.	1.7	5
11	Cover Image, Volume 8, Issue 2. Wiley Interdisciplinary Reviews: Computational Statistics, 2016, 8, i-i.	3.9	0
12	A survey on Neymanâ€Pearson classification and suggestions for future research. Wiley Interdisciplinary Reviews: Computational Statistics, 2016, 8, 64-81.	3.9	22
13	Genomic Applications of the Neymanâ€"Pearson Classification Paradigm. , 2016, , 145-167.		2
14	Feature Augmentation via Nonparametrics and Selection (FANS) in High-Dimensional Classification. Journal of the American Statistical Association, 2016, 111, 275-287.	3.1	28
15	Multi-Agent Inference in Social Networks: A Finite Population Learning Approach. Journal of the American Statistical Association, 2015, 110, 149-158.	3.1	5
16	A Road to Classification in High Dimensional Space: The Regularized Optimal Affine Discriminant. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2012, 74, 745-771.	2.2	117