Yang Feng

List of Publications by Year
in descending order

52 papers	2,384 citations	430874 18 h-index	233421 45 g-index
57 all docs	57 docs citations	57 times ranked	2996 citing authors

#	Article	IF	Citations
1	The MicroArray Quality Control (MAQC)-II study of common practices for the development and validation of microarray-based predictive models. Nature Biotechnology, 2010, 28, 827-838.	17.5	795
2	Nonparametric Independence Screening in Sparse Ultra-High-Dimensional Additive Models. Journal of the American Statistical Association, 2011, 106, 544-557.	3.1	405
3	Network exploration via the adaptive LASSO and SCAD penalties. Annals of Applied Statistics, 2009, 3, .	1.1	228
4	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
5	NETWORK EXPLORATION VIA THE ADAPTIVE LASSO AND SCAD PENALTIES. , 2009, 3, 521-541.		84
6	High-dimensional variable selection for Cox's proportional hazards model. Institute of Mathematical Statistics Collections, 2010, , 70-86.	0.3	65
7	How Many Communities Are There?. Journal of Computational and Graphical Statistics, 2017, 26, 171-181.	1.7	55
8	Model Selection for High-Dimensional Quadratic Regression via Regularization. Journal of the American Statistical Association, 2018, 113, 615-625.	3.1	54
9	SIS: An <i>R</i> Package for Sure Independence Screening in Ultrahigh-Dimensional Statistical Models. Journal of Statistical Software, 2018, 83, .	3.7	51
10	Neyman-Pearson classification algorithms and NP receiver operating characteristics. Science Advances, 2018, 4, eaao1659.	10.3	46
11	Visceral adipose tissue in patients with COVID-19: risk stratification for severity. Abdominal Radiology, 2021, 46, 818-825.	2.1	41
12	Variable selection and prediction with incomplete high-dimensional data. Annals of Applied Statistics, 2016, 10, 418-450.	1.1	36
13	Analytical performance of lateral flow immunoassay for SARS-CoV-2 exposure screening on venous and capillary blood samples. Journal of Immunological Methods, 2021, 489, 112909.	1.4	32
14	Local quasi-likelihood with a parametric guide. Annals of Statistics, 2009, 37, 4153-4183.	2.6	31
15	Post selection shrinkage estimation for high-dimensional data analysis. Applied Stochastic Models in Business and Industry, 2017, 33, 97-120.	1.5	29
16	Feature Augmentation via Nonparametrics and Selection (FANS) in High-Dimensional Classification. Journal of the American Statistical Association, 2016, 111, 275-287.	3.1	28
17	Modified Cross-Validation for Penalized High-Dimensional Linear Regression Models. Journal of Computational and Graphical Statistics, 2014, 23, 1009-1027.	1.7	24
18	JDINAC: joint density-based non-parametric differential interaction network analysis and classification using high-dimensional sparse omics data. Bioinformatics, 2017, 33, 3080-3087.	4.1	24

#	ARTICLE	IF	CITATIONS
19	A survey on Neyman–Pearson classification and suggestions for future research. Wiley Interdisciplinary Reviews: Computational Statistics, 2016, 8, 64-81.	3.9	22
20	Comparison of solid tissue sequencing and liquid biopsy accuracy in identification of clinically relevant gene mutations and rearrangements in lung adenocarcinomas. Modern Pathology, 2021, 34, 2168-2174.	5.5	21
21	Transfer Learning Under High-Dimensional Generalized Linear Models. Journal of the American Statistical Association, 2023, 118, 2684-2697.	3.1	19
22	Tuning-parameter selection in regularized estimations of large covariance matrices. Journal of Statistical Computation and Simulation, 2016, 86, 494-509.	1.2	15
23	A projection-based conditional dependence measure with applications to high-dimensional undirected graphical models. Journal of Econometrics, 2020, 218, 119-139.	6.5	13
24	Mediation effect selection in high–dimensional and compositional microbiome data. Statistics in Medicine, 2021, 40, 885-896.	1.6	13
25	Imbalanced classification: A paradigm–based review. Statistical Analysis and Data Mining, 2021, 14, 383-406.	2.8	13
26	Association of body composition parameters measured on CT with risk of hospitalization in patients with Covid-19. European Journal of Radiology, 2021, 145, 110031.	2.6	11
27	Testing community structure for hypergraphs. Annals of Statistics, 2022, 50, .	2.6	11
28	On the sparsity of Mallows model averaging estimator. Economics Letters, 2020, 187, 108916.	1.9	10
29	Community detection with nodal information: Likelihood and its variational approximation. Stat, 2022, 11, e428.	0.4	10
30	APPLE: approximate path for penalized likelihood estimators. Statistics and Computing, 2014, 24, 803-819.	1.5	8
31	The Interplay of Demographic Variables and Social Distancing Scores in Deep Prediction of U.S. COVID-19 Cases. Journal of the American Statistical Association, 2021, 116, 492-506.	3.1	8
32	Penalized weighted least absolute deviation regression. Statistics and Its Interface, 2018, 11, 79-89.	0.3	8
33	A Kronecker Product Model for Repeated Pattern Detection on 2D Urban Images. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 2266-2272.	13.9	7
34	Model Averaging for Nonlinear Regression Models. Journal of Business and Economic Statistics, 2022, 40, 785-798.	2.9	7
35	Nonparametric estimation of genewise variance for microarray data. Annals of Statistics, 2010, 38, 2723-2750.	2.6	6
36	Accounting for incomplete testing in the estimation of epidemic parameters. International Journal of Epidemiology, 2020, 49, 1419-1426.	1.9	6

#	Article	IF	Citations
37	Nonparametric independence screening via favored smoothing bandwidth. Journal of Statistical Planning and Inference, 2018, 197, 1-14.	0.6	5
38	The restricted consistency property of leave-nv-out cross-validation for high-dimensional variable selection. Statistica Sinica, 2019, , .	0.3	5
39	Targeting Predictors Via Partial Distance Correlation With Applications to Financial Forecasting. Journal of Business and Economic Statistics, 0, , 1-13.	2.9	4
40	RaSE: A Variable Screening Framework via Random Subspace Ensembles. Journal of the American Statistical Association, 2023, 118, 457-468.	3.1	4
41	Regularized principal components of heritability. Computational Statistics, 2014, 29, 455-465.	1.5	3
42	Nested model averaging on solution path for high‐dimensional linear regression. Stat, 2020, 9, e317.	0.4	2
43	Large-scale model selection in misspecified generalized linear models. Biometrika, 2022, 109, 123-136.	2.4	2
44	Alignment of protein mass spectrometry data by integrated Markov chain shifting method. Statistics and Its Interface, 2009, 2, 329-340.	0.3	2
45	Functional and Parametric Estimation in a Semi- and Nonparametric Model with Application to Mass-Spectrometry Data. International Journal of Biostatistics, 2015, 11, 285-303.	0.7	1
46	Binary switch portfolio. Quantitative Finance, 2017, 17, 763-780.	1.7	1
47	Regularization after retention in ultrahigh dimensional linear regression models. Statistica Sinica, 2018, , .	0.3	1
48	Discussion of â€œCocitation and Coauthorship Networks of Statisticiansâ€. Journal of Business and Economic Statistics, 2022, 40, 486-490.	2.9	1
49	Cover Image, Volume 8, Issue 2. Wiley Interdisciplinary Reviews: Computational Statistics, 2016, 8, i-i.	3.9	0
50	Likelihood adaptively modified penalties. Applied Stochastic Models in Business and Industry, 2019, 35, 330-353.	1.5	0
51	On the estimation of correlation in a binary sequence model. Journal of Statistical Planning and Inference, 2020, 207, 123-137.	0.6	0
52	Super RaSE: Super Random Subspace Ensemble Classification. Journal of Risk and Financial Management, 2021, 14, 612.	2.3	0