Julie Zhou

List of Publications by Year
in descending order

30 papers	231 citations
30 all docs	30 docs citations

1163117 8 h-index

1058476 14 g-index

30 times ranked	189 citing authors

#	Article	IF	Citations
1	Autologistic regression model for the distribution of vegetation. Journal of Agricultural, Biological, and Environmental Statistics, 2003, 8, 205-222.	1.4	45
2	Minimizing the Condition Number to Construct Design Points for Polynomial Regression Models. SIAM Journal on Optimization, 2013, 23, 666-686.	2.0	24
3	INTEGER-VALUED, MINIMAX ROBUST DESIGNS FOR APPROXIMATELY LINEAR MODELS WITH CORRELATED ERRORS. Communications in Statistics - Theory and Methods, 2001, 30, 21-39.	1.0	19
4	For misspecified regression models. Canadian Journal of Statistics, 2003, 31, 397-414.	0.9	13
5	A Robust Criterion for Experimental Designs for Serially Correlated Observations. Technometrics, 2001, 43, 462-467.	1.9	12
6	D-optimal designs based on the second-order least squares estimator. Statistical Papers, 2017, 58, 77-94.	1.2	11
7	CVXâ€based algorithms for constructing various optimal regression designs. Canadian Journal of Statistics, 2019, 47, 374-391.	0.9	11
8	On the robustness of empirical likelihood ratio confidence intervals for location. Canadian Journal of Statistics, 2001, 29, 129-140.	0.9	10
9	Robust estimators and designs for field experiments. Journal of Statistical Planning and Inference, 2008, 138, 93-104.	0.6	10
10	D-optimal two-level orthogonal arrays for estimating main effects and some specified two-factor interactions. Metrika, 2013, 76, 325-337.	0.8	7
11	Optimal Designs for Multi-Response Nonlinear Regression Models With Several Factors via Semidefinite Programming. Journal of Computational and Graphical Statistics, 2019, 28, 61-73.	1.7	7
12	Minimax D-optimal designs for multivariate regression models with multi-factors. Journal of Statistical Planning and Inference, 2020, 209, 160-173.	0.6	7
13	Dâ€optimal minimax fractional factorial designs. Canadian Journal of Statistics, 2013, 41, 325-340.	0.9	6
14	On ExactK-optimal Designs Minimizing the Condition Number. Communications in Statistics - Theory and Methods, 2014, 43, 1114-1131.	1.0	6
15	Minimax design criterion for fractional factorial designs. Annals of the Institute of Statistical Mathematics, 2015, 67, 673-685.	0.8	6
16	Computing A-optimal and E-optimal designs for regression models via semidefinite programming. Communications in Statistics Part B: Simulation and Computation, 2017, 46, 2011-2024.	1.2	6
17	Autologistic Regression Model for the Distribution of Vegetation. Journal of Agricultural, Biological, and Environmental Statistics, 2003, 8, 205-222.	1.4	6
18	Robust second-order least-squares estimator for regression models. Statistical Papers, 2012, 53, 371-386.	1.2	5

#	Article	IF	Citations
19	The optimal design of clinical trials with potential biomarker effects: A novel computational approach. Statistics in Medicine, 2021, 40, 1752-1766.	1.6	4
20	A nonparametric confidence interval for the trimmed mean. Journal of Nonparametric Statistics, 2002, 14, 665-673.	0.9	3
21	Using SeDuMi to find various optimal designs for regression models. Statistical Papers, 2019, 60, 1583-1603.	1.2	3
22	R-optimal designs for multi-response regression models with multi-factors. Communications in Statistics - Theory and Methods, 2022, 51, 340-355.	1.0	2
23	Properties of optimal regression designs under the second-order least squares estimator. Statistical Papers, 2021, 62, 75-92.	1.2	2
24	Constructing K-optimal designs for regression models. Statistical Papers, 2023, 64, 205-226.	1.2	2
25	Minimax robust designs for field experiments. Metrika, 2009, 69, 45-54.	0.8	1
26	Robust designs for experiments with blocks. Communications in Statistics - Theory and Methods, 2016, 45, 5363-5379.	1.0	1
27	Auto-multicategorical regression model for the distribution of vegetation. Statistics and Its Interface, 2008, 1, 63-70.	0.3	1
28	Minimax Aâ€, câ€, and Iâ€optimal regression designs for models with heteroscedastic errors. Canadian Journal of Statistics, 0, , .	0.9	1
29	Minimax robust designs for regression models with heteroscedastic errors. Metrika, 2022, 85, 203-222.	0.8	0
30	Graph decomposition methods for variance balanced block designs with correlated errors. Journal of Statistical Planning and Inference, 2023, 222, 252-260.	0.6	0