

Julie Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

231
citations

1163117

8
h-index

1058476

14
g-index

30
all docs

30
docs citations

30
times ranked

189
citing authors

#	ARTICLE	IF	CITATIONS
1	Constructing K-optimal designs for regression models. <i>Statistical Papers</i> , 2023, 64, 205-226.	1.2	2
2	Graph decomposition methods for variance balanced block designs with correlated errors. <i>Journal of Statistical Planning and Inference</i> , 2023, 222, 252-260.	0.6	0
3	R-optimal designs for multi-response regression models with multi-factors. <i>Communications in Statistics - Theory and Methods</i> , 2022, 51, 340-355.	1.0	2
4	Minimax robust designs for regression models with heteroscedastic errors. <i>Metrika</i> , 2022, 85, 203-222.	0.8	0
5	Properties of optimal regression designs under the second-order least squares estimator. <i>Statistical Papers</i> , 2021, 62, 75-92.	1.2	2
6	The optimal design of clinical trials with potential biomarker effects: A novel computational approach. <i>Statistics in Medicine</i> , 2021, 40, 1752-1766.	1.6	4
7	Minimax D-optimal designs for multivariate regression models with multi-factors. <i>Journal of Statistical Planning and Inference</i> , 2020, 209, 160-173.	0.6	7
8	Optimal Designs for Multi-Response Nonlinear Regression Models With Several Factors via Semidefinite Programming. <i>Journal of Computational and Graphical Statistics</i> , 2019, 28, 61-73.	1.7	7
9	CVX-based algorithms for constructing various optimal regression designs. <i>Canadian Journal of Statistics</i> , 2019, 47, 374-391.	0.9	11
10	Using SeDuMi to find various optimal designs for regression models. <i>Statistical Papers</i> , 2019, 60, 1583-1603.	1.2	3
11	D-optimal designs based on the second-order least squares estimator. <i>Statistical Papers</i> , 2017, 58, 77-94.	1.2	11
12	Computing A-optimal and E-optimal designs for regression models via semidefinite programming. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2017, 46, 2011-2024.	1.2	6
13	Robust designs for experiments with blocks. <i>Communications in Statistics - Theory and Methods</i> , 2016, 45, 5363-5379.	1.0	1
14	Minimax design criterion for fractional factorial designs. <i>Annals of the Institute of Statistical Mathematics</i> , 2015, 67, 673-685.	0.8	6
15	On Exact K-optimal Designs Minimizing the Condition Number. <i>Communications in Statistics - Theory and Methods</i> , 2014, 43, 1114-1131.	1.0	6
16	Minimizing the Condition Number to Construct Design Points for Polynomial Regression Models. <i>SIAM Journal on Optimization</i> , 2013, 23, 666-686.	2.0	24
17	D-optimal two-level orthogonal arrays for estimating main effects and some specified two-factor interactions. <i>Metrika</i> , 2013, 76, 325-337.	0.8	7
18	D-optimal minimax fractional factorial designs. <i>Canadian Journal of Statistics</i> , 2013, 41, 325-340.	0.9	6

#	ARTICLE	IF	CITATIONS
19	Robust second-order least-squares estimator for regression models. <i>Statistical Papers</i> , 2012, 53, 371-386.	1.2	5
20	Minimax robust designs for field experiments. <i>Metrika</i> , 2009, 69, 45-54.	0.8	1
21	Robust estimators and designs for field experiments. <i>Journal of Statistical Planning and Inference</i> , 2008, 138, 93-104.	0.6	10
22	Auto-multicategorical regression model for the distribution of vegetation. <i>Statistics and Its Interface</i> , 2008, 1, 63-70.	0.3	1
23	Autologistic regression model for the distribution of vegetation. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2003, 8, 205-222.	1.4	45
24	For misspecified regression models. <i>Canadian Journal of Statistics</i> , 2003, 31, 397-414.	0.9	13
25	Autologistic Regression Model for the Distribution of Vegetation. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2003, 8, 205-222.	1.4	6
26	A nonparametric confidence interval for the trimmed mean. <i>Journal of Nonparametric Statistics</i> , 2002, 14, 665-673.	0.9	3
27	A Robust Criterion for Experimental Designs for Serially Correlated Observations. <i>Technometrics</i> , 2001, 43, 462-467.	1.9	12
28	INTEGER-VALUED, MINIMAX ROBUST DESIGNS FOR APPROXIMATELY LINEAR MODELS WITH CORRELATED ERRORS. <i>Communications in Statistics - Theory and Methods</i> , 2001, 30, 21-39.	1.0	19
29	On the robustness of empirical likelihood ratio confidence intervals for location. <i>Canadian Journal of Statistics</i> , 2001, 29, 129-140.	0.9	10
30	Minimax $A\hat{\beta}$, $c\hat{\beta}$, and $l\hat{\beta}$ optimal regression designs for models with heteroscedastic errors. <i>Canadian Journal of Statistics</i> , 0, , .	0.9	1