

Douglas P Wiens

List of Publications by Year in descending order

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57
papers

780
citations

567281

15
h-index

580821

25
g-index

57
all docs

57
docs citations

57
times ranked

207
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust active learning with binary responses. <i>Journal of Statistical Planning and Inference</i> , 2022, 220, 1-14.	0.6	2
2	Model-robust designs for nonlinear quantile regression. <i>Statistical Methods in Medical Research</i> , 2021, 30, 221-232.	1.5	2
3	Robust designs for dose-response studies: Model and labelling robustness. <i>Computational Statistics and Data Analysis</i> , 2021, 158, 107189.	1.2	2
4	Maximin power designs in testing lack of fit. <i>Journal of Statistical Planning and Inference</i> , 2019, 199, 311-317.	0.6	5
5	I-robust and D-robust designs on a finite design space. <i>Statistics and Computing</i> , 2018, 28, 241-258.	1.5	9
6	Minimax robust active learning for approximately specified regression models. <i>Canadian Journal of Statistics</i> , 2018, 46, 104-122.	0.9	6
7	Robust model-based stratification sampling designs. <i>Canadian Journal of Statistics</i> , 2015, 43, 554-577.	0.9	1
8	Model-Robust Designs for Quantile Regression. <i>Journal of the American Statistical Association</i> , 2015, 110, 233-245.	3.1	9
9	Robust static designs for approximately specified nonlinear regression models. <i>Journal of Statistical Planning and Inference</i> , 2014, 144, 55-62.	0.6	5
10	V-optimal designs for heteroscedastic regression. <i>Journal of Statistical Planning and Inference</i> , 2014, 145, 125-138.	0.6	4
11	Robust model-based sampling designs. <i>Statistics and Computing</i> , 2013, 23, 689-701.	1.5	9
12	Designs for weighted least squares regression, with estimated weights. <i>Statistics and Computing</i> , 2013, 23, 391-401.	1.5	2
13	Robust minimum information loss estimation. <i>Computational Statistics and Data Analysis</i> , 2013, 65, 98-112.	1.2	4
14	A robust treatment of a dose-response study. <i>Applied Stochastic Models in Business and Industry</i> , 2012, 28, 164-173.	1.5	0
15	Robustness of Design in Dose-Response Studies. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2011, 73, 215-238.	2.2	14
16	Robustness of design for the testing of lack of fit and for estimation in binary response models. <i>Computational Statistics and Data Analysis</i> , 2010, 54, 3371-3378.	1.2	9
17	Robust Discrimination Designs. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2009, 71, 805-829.	2.2	36
18	Robust designs for misspecified logistic models. <i>Journal of Statistical Planning and Inference</i> , 2009, 139, 3-15.	0.6	17

#	ARTICLE	IF	CITATIONS
19	Marginally restricted sequential D-€ optimal designs. Canadian Journal of Statistics, 2008, 36, 397-410.	0.9	1
20	Robust estimators and designs for field experiments. Journal of Statistical Planning and Inference, 2008, 138, 93-104.	0.6	10
21	Robust prediction and extrapolation designs for misspecified generalized linear regression models. Journal of Statistical Planning and Inference, 2008, 138, 30-46.	0.6	15
22	Robust designs for one-point extrapolation. Journal of Statistical Planning and Inference, 2008, 138, 1339-1357.	0.6	9
23	Robust designs for series estimation. Computational Statistics and Data Analysis, 2008, 52, 4305-4324.	1.2	2
24	New criteria for robust integer-valued designs in linear models. Computational Statistics and Data Analysis, 2006, 51, 723-736.	1.2	6
25	Locally D-optimal designs for multistage models and heteroscedastic polynomial regression models. Journal of Statistical Planning and Inference, 2006, 136, 4059-4070.	0.6	3
26	On equality and proportionality of ordinary least squares, weighted least squares and best linear unbiased estimators in the general linear model. Statistics and Probability Letters, 2006, 76, 1265-1272.	0.7	32
27	On the exact distribution of the sum of the largest $n-k$ out of n normal random variables with differing mean values. Statistics, 2006, 40, 165-173.	0.6	17
28	Robustness in spatial studies I: minimax prediction. Environmetrics, 2005, 16, 191-203.	1.4	8
29	Robustness in spatial studies II: minimax design. Environmetrics, 2005, 16, 205-217.	1.4	12
30	Robust allocation schemes for clinical trials with prognostic factors. Journal of Statistical Planning and Inference, 2005, 127, 323-340.	0.6	2
31	Bayesian Minimally Supported D-Optimal Designs for an Exponential Regression Model. Communications in Statistics - Theory and Methods, 2004, 33, 1187-1204.	1.0	5
32	Robust regression designs for approximate polynomial models. Journal of Statistical Planning and Inference, 2003, 117, 305-321.	0.6	12
33	Robust sequential designs for nonlinear regression. Canadian Journal of Statistics, 2002, 30, 601-618.	0.9	27
34	Minimax weights for generalised M-estimation in biased regression models. Canadian Journal of Statistics, 2002, 30, 401-414.	0.9	3
35	Restricted minimax robust designs for misspecified regression models. Canadian Journal of Statistics, 2001, 29, 117-128.	0.9	21
36	Jackknifing, weighting, diagnostics and variance estimation in generalized M-estimation. Statistics and Probability Letters, 2000, 46, 287-299.	0.7	7

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37	Robust weights and designs for biased regression models: Least squares and generalized M-estimation. Journal of Statistical Planning and Inference, 2000, 83, 395-412.	0.6	41
38	Integer-Valued, Minimax Robust Designs for Estimation and Extrapolation in Heteroscedastic, Approximately Linear Models. Journal of the American Statistical Association, 2000, 95, 807-818.	3.1	44
39	Integer-Valued, Minimax Robust Designs for Estimation and Extrapolation in Heteroscedastic, Approximately Linear Models. Journal of the American Statistical Association, 2000, 95, 807.	3.1	21
40	Robust extrapolation designs and weights for biased regression models with heteroscedastic errors. Canadian Journal of Statistics, 1999, 27, 751-770.	0.9	15
41	Minimax designs for approximately linear models with AR(1) errors. Canadian Journal of Statistics, 1999, 27, 781-794.	0.9	16
42	Minimax Robust Designs and Weights for Approximately Specified Regression Models with Heteroscedastic Errors. Journal of the American Statistical Association, 1998, 93, 1440-1450.	3.1	29
43	Minimax Robust Designs and Weights for Approximately Specified Regression Models with Heteroscedastic Errors. Journal of the American Statistical Association, 1998, 93, 1440.	3.1	8
44	Robust Designs Based on the Infinitesimal Approach. Journal of the American Statistical Association, 1997, 92, 1503-1511.	3.1	14
45	Robust designs for approximately polynomial regression. Journal of Statistical Planning and Inference, 1997, 64, 369-381.	0.6	16
46	Robust Designs Based on the Infinitesimal Approach. Journal of the American Statistical Association, 1997, 92, 1503.	3.1	8
47	Asymptotics of generalized M-estimation of regression and scale with fixed carriers, in an approximately linear model. Statistics and Probability Letters, 1996, 30, 271-285.	0.7	9
48	Minimax regression designs for approximately linear models with autocorrelated errors. Journal of Statistical Planning and Inference, 1996, 55, 95-106.	0.6	19
49	Robust designs for approximately linear regression: M-estimated parameters. Journal of Statistical Planning and Inference, 1994, 40, 135-160.	0.6	8
50	One-step M-estimators in the linear model, with dependent errors. Canadian Journal of Statistics, 1994, 22, 219-231.	0.9	14
51	Designs for approximately linear regression: Maximizing the minimum coverage probability of confidence ellipsoids. Canadian Journal of Statistics, 1993, 21, 59-70.	0.9	14
52	On moments of quadratic forms in non-spherically distributed variables. Statistics, 1992, 23, 265-270.	0.6	8
53	Minimax designs for approximately linear regression. Journal of Statistical Planning and Inference, 1992, 31, 353-371.	0.6	70
54	Designs for approximately linear regression: two optimality properties of uniform designs. Statistics and Probability Letters, 1991, 12, 217-221.	0.7	52

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55	Robust minimax designs for multiple linear regression. Linear Algebra and Its Applications, 1990, 127, 327-340.	0.9	20
56	Minimax Properties of M -, R - and L -Estimators of Location in Levy Neighbourhoods. Annals of Statistics, 1989, 17, 327.	2.6	12
57	Minimax Variance M -Estimators in ϵ -Contamination Models. Annals of Statistics, 1985, 13, .	2.6	14