Holger Dette

List of Publications by Year
in descending order

224 papers	4,121 citations	117571 34 h-index	197736 49 g-index
225 all docs	225 docs citations	225 times ranked	1580 citing authors

#	Article	IF	Citations
1	Designing Experiments with Respect to 'Standardized' Optimality Criteria. Journal of the Royal Statistical Society Series B: Statistical Methodology, 1997, 59, 97-110.	1.1	179
2	A simple nonparametric estimator of a strictly monotone regression function. Bernoulli, 2006, 12, 469.	0.7	111
3	A consistent test for the functional form of a regression based on a difference of variance estimators. Annals of Statistics, 1999, 27, 1012.	1.4	110
4	Non-Crossing Non-Parametric Estimates of Quantile Curves. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2008, 70, 609-627.	1.1	99
5	Optimal Designs for Dose-Finding Studies. Journal of the American Statistical Association, 2008, 103, 1225-1237.	1.8	96
6	Nonparametric comparison of regression curves: an empirical process approach. Annals of Statistics, 2003, 31, 880.	1.4	91
7	Detection of Multiple Structural Breaks in Multivariate Time Series. Journal of the American Statistical Association, 2015, 110, 654-668.	1.8	73
8	Robust and Efficient Designs for the Michaelis–Menten Model. Journal of the American Statistical Association, 2003, 98, 679-686.	1.8	67
9	Practical considerations for optimal designs in clinical dose finding studies. Statistics in Medicine, 2010, 29, 731-742.	0.8	60
10	Optimal discrimination designs. Annals of Statistics, 2009, 37, .	1.4	58
11	Validation of linear regression models. Annals of Statistics, 1998, 26, .	1.4	55
12	A new test for the parametric form of the variance function in non-parametric regression. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2007, 69, 903-917.	1.1	54
13	Bayesian D-optimal designs for exponential regression models. Journal of Statistical Planning and Inference, 1997, 60, 331-349.	0.4	53
14	Nonparametric comparison of several regression functions: exact and asymptotic theory. Annals of Statistics, 1998, 26, 2339.	1.4	53
15	Geometry of E-Optimality. Annals of Statistics, 1993, 21, 416.	1.4	52
16	Nonparametric analysis of covariance. Annals of Statistics, 2001, 29, .	1.4	51
17	Robust designs for polynomial regression by maximizing a minimum of D- and D1-efficiencies. Annals of Statistics, 2001, 29, 1024.	1.4	50
18	A consistent test for heteroscedasticity in nonparametric regression based on the kernel method. Journal of Statistical Planning and Inference, 2002, 103, 311-329.	0.4	50

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19	Optimal Designs for Estimating the Interesting Part of a Dose-Effect Curve. Journal of Biopharmaceutical Statistics, 2007, 17, 1097-1115.	0.4	49
20	Matrix Measures and Random Walks with a Block Tridiagonal Transition Matrix. SIAM Journal on Matrix Analysis and Applications, 2007, 29, 117-142.	0.7	46
21	A Measure of Stationarity in Locally Stationary Processes With Applications to Testing. Journal of the American Statistical Association, 2011, 106, 1113-1124.	1.8	46
22	Of copulas, quantiles, ranks and spectra: An L_{1}-approach to spectral analysis. Bernoulli, 2015, 21, .	0.7	46
23	Optimal Designs for Dose–Response Models With Restricted Design Spaces. Journal of the American Statistical Association, 2006, 101, 747-759.	1.8	44
24	Optimal Designs for Identifying the Degree of a Polynomial Regression. Annals of Statistics, 1995, 23, 1248.	1.4	43
25	Estimating a Convex Function in Nonparametric Regression. Scandinavian Journal of Statistics, 2007, 34, 384-404.	0.9	43
26	Bootstrapping Frequency Domain Tests in Multivariate Time Series with an Application to Comparing Spectral Densities. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2009, 71, 831-857.	1.1	43
27	Estimation of Integrated Volatility in Continuous-Time Financial Models with Applications to Goodness-of-Fit Testing. Scandinavian Journal of Statistics, 2006, 33, 259-278.	0.9	42
28	and Its Applications, 2002, 345, 169-193.	0.4	41
29	Optimal Design for Goodness-of-Fit of the Michaelis–Menten Enzyme Kinetic Function. Journal of the American Statistical Association, 2005, 100, 1370-1381.	1.8	40
30	Quantile spectral processes: Asymptotic analysis and inference. Bernoulli, 2016, 22, .	0.7	40
31	Some comments on specification tests in nonparametric absolutely regular processes. Journal of Time Series Analysis, 2004, 25, 159-172.	0.7	39
32	Detecting Relevant Changes in Time Series Models. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2016, 78, 371-394.	1.1	39
33	A note on the de la Garza phenomenon for locally optimal designs. Annals of Statistics, 2011, 39, .	1.4	38
34	Discrimination Designs for Polynomial Regression on Compact Intervals. Annals of Statistics, 1994, 22, 890.	1.4	37
35	Optimal designs for the identification of the order of a Fourier regression. Annals of Statistics, 1998, 26, 1496.	1.4	37
36	A Note on Nonparametric Estimation of the Effective Dose in Quantal Bioassay. Journal of the American Statistical Association, 2005, 100, 503-510.	1.8	37

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37	Improving updating rules in multiplicative algorithms for computing D-optimal designs. Computational Statistics and Data Analysis, 2008, 53, 312-320.	0.7	37
38	Model selection versus model averaging in dose finding studies. Statistics in Medicine, 2016, 35, 4021-4040.	0.8	37
39	Response-adaptive dose-finding under model uncertainty. Annals of Applied Statistics, 2011, 5, .	0.5	34
40	Testing the parametric form of the volatility in continuous time diffusion models—a stochastic process approach. Journal of Econometrics, 2008, 143, 56-73.	3.5	32
41	Robust and efficient design of experiments for the Monod model. Journal of Theoretical Biology, 2005, 234, 537-550.	0.8	31
42	A power comparison between nonparametric regression tests. Statistics and Probability Letters, 2004, 66, 289-301.	0.4	30
43	Detecting gradual changes in locally stationary processes. Annals of Statistics, 2015, 43, .	1.4	30
44	Testing multivariate economic restrictions using quantiles: The example of Slutsky negative semidefiniteness. Journal of Econometrics, 2016, 191, 129-144.	3.5	30
45	Optimal designs for a class of nonlinear regression models. Annals of Statistics, 2004, 32, .	1.4	30
46	A Likelihood Ratio Approach to Sequential Change Point Detection for a General Class of Parameters. Journal of the American Statistical Association, 2020, 115, 1361-1377.	1.8	29
47	Optimal designs for estimating individual coefficients in polynomial regression—a functional approach. Journal of Statistical Planning and Inference, 2004, 118, 201-219.	0.4	26
48	A note on the Bickel–Rosenblatt test in autoregressive time series. Statistics and Probability Letters, 2005, 74, 221-234.	0.4	26
49	E-optimal designs for the Michaelis–Menten model. Statistics and Probability Letters, 1999, 44, 405-408.	0.4	25
50	T-optimal designs for discrimination between two polynomial models. Annals of Statistics, 2012, 40, .	1.4	25
51	Bayesian optimal one point designs for one parameter nonlinear models. Journal of Statistical Planning and Inference, 1996, 52, 17-31.	0.4	24
52	A comparative study of monotone nonparametric kernel estimates. Journal of Statistical Computation and Simulation, 2006, 76, 41-56.	0.7	24
53	A practical guide for optimal designs of experiments in the Monod model. Environmental Modelling and Software, 2009, 24, 1019-1026.	1.9	24
54	Quantile Spectral Analysis for Locally Stationary Time Series. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2017, 79, 1619-1643.	1.1	24

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55	E-optimal designs for linear and nonlinear models with two parameters. Biometrika, 1994, 81, 739-754.	1.3	23
56	On a test for a parametric form of volatility in continuous time financial models. Finance and Stochastics, 2003, 7, 363-384.	0.7	23
57	On the number of support points of maximin and Bayesian optimal designs. Annals of Statistics, 2007, 35, 772.	1.4	23
58	Efficient experimental designs for sigmoidal growth models. Journal of Statistical Planning and Inference, 2008, 138, 2-17.	0.4	23
59	Optimal design for linear models with correlated observations. Annals of Statistics, 2013, 41, .	1.4	23
60	Strictly monotone and smooth nonparametric regression for two or more variables. Canadian Journal of Statistics, 2006, 34, 535-561.	0.6	22
61	D-Optimal Designs for Trigonometric Regression Models on a Partial Circle. Annals of the Institute of Statistical Mathematics, 2002, 54, 945-959.	0.5	21
62	Quadrature formulas for matrix measuresâ€"a geometric approach. Linear Algebra and Its Applications, 2003, 364, 33-64.	0.4	21
63	Some robust design strategies for percentile estimation in binary response models. Canadian Journal of Statistics, 2006, 34, 603-622.	0.6	21
64	A simple test for the parametric form of the variance function in nonparametric regression. Annals of the Institute of Statistical Mathematics, 2009, 61, 861-886.	0.5	21
65	A New Approach to Optimal Design for Linear Models With Correlated Observations. Journal of the American Statistical Association, 2010, 105, 1093-1103.	1.8	21
66	Bayesian D-optimal designs on a fixed number of design points for heteroscedastic polynomial models. Biometrika, 1998, 85, 869-882.	1.3	20
67	Testing Additivity by Kernel-Based Methods: What Is a Reasonable Test?. Bernoulli, 2001, 7, 669.	0.7	20
68	Efficient design of experiments in the Monod model. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2003, 65, 725-742.	1.1	20
69	Optimal designs in regression with correlated errors. Annals of Statistics, 2016, 44, 113-152.	1.4	20
70	Optimal Designs When the Variance Is A Function of the Mean. Biometrics, 1999, 55, 925-929.	0.8	19
71	A note on testing symmetry of the error distribution in linear regression models. Journal of Nonparametric Statistics, 2005, 17, 697-715.	0.4	19
72	Goodnessâ€'ofâ€'Fit Tests for Multiplicative Models with Dependent Data. Scandinavian Journal of Statistics, 2009, 36, 782-799.	0.9	19

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73	Detecting relevant changes in the mean of nonstationary processes—A mass excess approach. Annals of Statistics, 2019, 47, .	1.4	19
74	Constrained D- and D_1-optimal designs for polynomial regression. Annals of Statistics, 2000, 28, .	1.4	19
75	On the efficiency of two‐stage response‐adaptive designs. Statistics in Medicine, 2013, 32, 1646-1660.	0.8	18
76	Nearest neighbour kernel estimation of the hazard function from censored data. Journal of Statistical Computation and Simulation, 1992, 43, 93-101.	0.7	17
77	Testing Relevant Hypotheses in Functional Time Series via Self-Normalization. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2020, 82, 629-660.	1.1	17
78	Optimal designs for three-dimensional shape analysis with spherical harmonic descriptors. Annals of Statistics, 2005, 33, .	1.4	17
79	Functional data analysis in the Banach space of continuous functions. Annals of Statistics, 2020, 48, .	1.4	17
80	Optimal designs for rational models and weighted polynomial regression. Annals of Statistics, 1999, 27, 1272.	1.4	16
81	Testing linearity of regression models with dependent errors by kernel based methods. Test, 2000, 9, 417-438.	0.7	16
82	Testing strict monotonicity in nonparametric regression. Mathematical Methods of Statistics, 2007, 16, 110-123.	0.1	16
83	Model checks for the volatility under microstructure noise. Bernoulli, 2012, 18, .	0.7	16
84	Robust T-optimal discriminating designs. Annals of Statistics, 2013, 41, .	1.4	16
85	Multiscale change point detection for dependent data. Scandinavian Journal of Statistics, 2020, 47, 1243-1274.	0.9	16
86	A new approach for open‐end sequential change point monitoring. Journal of Time Series Analysis, 2021, 42, 63-84.	0.7	16
87	Optimal Bayesian designs for models with partially specified heteroscedastic structure. Annals of Statistics, 1996, 24, 2108.	1.4	15
88	Some Methodological Aspects of Validation of Models in Nonparametric Regression. Statistica Neerlandica, 2003, 57, 207-244.	0.9	15
89	Optimal designs for estimating individual coefficients in Fourier regression models. Annals of Statistics, 2003, 31, 1669.	1.4	15
90	Matrix measures on the unit circle, moment spaces, orthogonal polynomials and the Geronimus relations. Linear Algebra and Its Applications, 2010, 432, 1609-1626.	0.4	15

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91	A finite sample comparison of nonparametric estimates of the effective dose in quantal bioassay. Journal of Statistical Computation and Simulation, 2010, 80, 527-544.	0.7	15
92	Bridge estimators and the adaptive lasso under heteroscedasticity. Mathematical Methods of Statistics, 2012, 21, 109-126.	0.1	15
93	Bayesian T-optimal discriminating designs. Annals of Statistics, 2015, 43, 1959-1985.	1.4	15
94	Optimal discrimination designs for multifactor experiments. Annals of Statistics, 1997, 25, .	1.4	15
95	A note on optimal designs in weighted polynomial regression for the classical efficiency functions. Journal of Statistical Planning and Inference, 2003, 113, 285-292.	0.4	14
96	Constrained optimal discrimination designs for Fourier regression models. Annals of the Institute of Statistical Mathematics, 2009, 61, 143-157.	0.5	14
97	Khmaladze transformation of integrated variance processes with applications to goodness-of-fit testing. Mathematical Methods of Statistics, 2009, 18, 97-116.	0.1	14
98	A general approach to -optimal designs for weighted univariate polynomial regression models. Journal of the Korean Statistical Society, 2010, 39, 1-26.	0.3	14
99	Testing non-parametric hypotheses for stationary processes by estimating minimal distances. Journal of Time Series Analysis, 2011, 32, 447-461.	0.7	14
100	Complete classes of designs for nonlinear regression models and principal representations of moment spaces. Annals of Statistics, 2013, 41, .	1.4	14
101	Significance testing in quantile regression. Electronic Journal of Statistics, 2013, 7, .	0.4	13
102	Regulatory assessment of drug dissolution profiles comparability via maximum deviation. Statistics in Medicine, 2018, 37, 2968-2981.	0.8	13
103	Likelihood ratio tests for many groups in high dimensions. Journal of Multivariate Analysis, 2020, 178, 104605.	0.5	13
104	A Test for Additivity in Nonparametric Regression. Annals of the Institute of Statistical Mathematics, 2002, 54, 60-82.	0.5	12
105	Optimal designs for random effect models with correlated errors with applications in population pharmacokinetics. Annals of Applied Statistics, 2010, 4, .	0.5	12
106	Optimal discriminating designs for several competing regression models. Annals of Statistics, 2013, 41, .	1.4	12
107	T-optimal discriminating designs for Fourier regression models. Computational Statistics and Data Analysis, 2017, 113, 196-206.	0.7	12
108	Assessing the similarity of dose response and target doses in two non-overlapping subgroups. Statistics in Medicine, 2018, 37, 722-738.	0.8	12

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109	A robust test for homoscedasticity in nonparametric regression. Journal of Nonparametric Statistics, 2010, 22, 723-736.	0.4	11
110	Optimal designs for trigonometric regression models. Journal of Statistical Planning and Inference, 2011, 141, 1343-1353.	0.4	11
111	Optimal designs for nonlinear regression models with respect to non-informative priors. Journal of Statistical Planning and Inference, 2014, 154, 12-25.	0.4	11
112	E-optimal designs for second-order response surface models. Annals of Statistics, 2014, 42, .	1.4	11
113	Optimal designs for comparing curves. Annals of Statistics, 2016, 44, 1103-1130.	1.4	11
114	A Simple Test for White Noise in Functional Time Series. Journal of Time Series Analysis, 2018, 39, 54-74.	0.7	11
115	Relevant change points in high dimensional time series. Electronic Journal of Statistics, 2018, 12, .	0.4	11
116	Sampling distributions of optimal portfolio weights and characteristics in small and large dimensions. Random Matrices: Theory and Application, 2022, 11, .	0.5	11
117	A Note on a Specification Test for Time Series Models Based on Spectral Density Estimation. Scandinavian Journal of Statistics, 2003, 30, 481-491.	0.9	10
118	Bayesian and maximin optimal designs for heteroscedastic regression models. Canadian Journal of Statistics, 2005, 33, 221-241.	0.6	10
119	Optimal designs for estimating the coefficients of the lower frequencies in trigonometric regression models. Annals of the Institute of Statistical Mathematics, 2007, 59, 655-673.	0.5	10
120	Estimation of additive quantile regression. Annals of the Institute of Statistical Mathematics, 2011, 63, 245-265.	0.5	10
121	Optimal Designs for Quantile Regression Models. Journal of the American Statistical Association, 2012, 107, 1140-1151.	1.8	10
122	Some Asymptotic Properties of the Spectrum of the Jacobi Ensemble. SIAM Journal on Mathematical Analysis, 2009, 41, 1491-1507.	0.9	9
123	Random Block Matrices and Matrix Orthogonal Polynomials. Journal of Theoretical Probability, 2010, 23, 378-400.	0.4	9
124	Comparing Conditional Quantile Curves. Scandinavian Journal of Statistics, 2011, 38, 63-88.	0.9	9
125	Efficient sampling in materials simulation - Exploring the parameter space of grain boundaries. Acta Materialia, 2017, 125, 145-155.	3.8	9
126	Adaptive grid semidefinite programming for finding optimal designs. Statistics and Computing, 2018, 28, 441-460.	0.8	9

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127	Estimating a Change Point in a Sequence of Very High-Dimensional Covariance Matrices. Journal of the American Statistical Association, 2022, 117, 444-454.	1.8	9
128	Optimal designs for statistical analysis with Zernike polynomials. Statistics, 2007, 41, 453-470.	0.3	8
129	Uniform approximation of eigenvalues in Laguerre and Hermite eta-ensembles by roots of orthogonal polynomials. Transactions of the American Mathematical Society, 2007, 359, 4999-5019.	0.5	8
130	Compound optimal designs for percentile estimation in dose–response models with restricted design intervals. Journal of Statistical Planning and Inference, 2007, 137, 3838-3847.	0.4	8
131	A test for the parametric form of the variance function in a partial linear regression model. Journal of Statistical Planning and Inference, 2008, 138, 3005-3021.	0.4	8
132	Optimal designs for dose-finding experiments in toxicity studies. Bernoulli, 2009, 15, .	0.7	8
133	Distributions on unbounded moment spaces and random moment sequences. Annals of Probability, 2012, 40, .	0.8	8
134	Choice is suffering: A Focused Information Criterion for model selection. Economic Modelling, 2012, 29, 817-822.	1.8	8
135	Optimal designs for dose finding studies with an active control. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2014, 76, 265-295.	1.1	8
136	Detecting deviations from second-order stationarity in locally stationary functional time series. Annals of the Institute of Statistical Mathematics, 2020, 72, 1055-1094.	0.5	8
137	A functional-algebraic determination of D-optimal designs for trigonometric regression models on a partial circle. Statistics and Probability Letters, 2002, 58, 389-397.	0.4	7
138	Local c- and E-optimal Designs for Exponential Regression Models. Annals of the Institute of Statistical Mathematics, 2006, 58, 407-426.	0.5	7
139	Kolmogorov–Smirnov-type testing for the partial homogeneity of Markov processes—with application to credit risk. Applied Stochastic Models in Business and Industry, 2007, 23, 223-234.	0.9	7
140	Optimal discrimination designs for exponential regression models. Journal of Statistical Planning and Inference, 2007, 137, 2579-2592.	0.4	7
141	Asymptotic properties of the algebraic moment range process. Acta Mathematica Hungarica, 2007, 116, 247-264.	0.3	7
142	The adaptive lasso in high-dimensional sparse heteroscedastic models. Mathematical Methods of Statistics, 2013, 22, 137-154.	0.1	7
143	Testing Semiparametric Hypotheses in Locally Stationary Processes. Scandinavian Journal of Statistics, 2013, 40, 417-437.	0.9	7
144	Nonparametric tests for detecting breaks in the jump behaviour of a time-continuous process. Bernoulli, 2017, 23, .	0.7	7

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145	A Simple Goodness-of-fit Test for Linear Models Under a Random Design Assumption. Annals of the Institute of Statistical Mathematics, 1998, 50, 253-275.	0.5	6
146	On the estimation of a monotone conditional variance in nonparametric regression. Annals of the Institute of Statistical Mathematics, 2009, 61, 111-141.	0.5	6
147	Optimal designs for discriminating between dose-response models in toxicology studies. Bernoulli, 2010, 16, .	0.7	6
148	A Web-Based Tool for Finding Optimal Designs for the Michaelisâ€"Menten Model and an Overview. Statistics in Biopharmaceutical Research, 2010, 2, 383-393.	0.6	6
149	Efficient Algorithms for Optimal Designs with Correlated Observations in Pharmacokinetics and Doseâ€"Finding Studies. Biometrics, 2012, 68, 138-145.	0.8	6
150	Zeros and ratio asymptotics for matrix orthogonal polynomials. Journal D'Analyse Mathematique, 2012, 118, 657-690.	0.4	6
151	The quantile process under random censoring. Mathematical Methods of Statistics, 2012, 21, 127-141.	0.1	6
152	Optimal designs for the Michaelisâ€"Menten model with correlated observations. Statistics, 2014, 48, 1254-1267.	0.3	6
153	Equivalence analyses of dissolution profiles with the Mahalanobis distance: a regulatory perspective and a comparison with a parametric maximum deviationâ€"based approach. Biometrical Journal, 2019, 61, 779-782.	0.6	6
154	Equivalence of regression curves sharing common parameters. Biometrics, 2020, 76, 518-529.	0.8	6
155	Efficient model-based bioequivalence testing. Biostatistics, 2022, 23, 314-327.	0.9	6
156	A note on a specification test of independence. Metrika, 2000, 51, 133-144.	0.5	5
157	Journal of Computational and Applied Mathematics, 2002, 148, 349-361.	1.1	5
158	A note on estimating a smooth monotone regression by combining kernel and density estimates. Journal of Nonparametric Statistics, 2008, 20, 679-691.	0.4	5
159	Testing for a Constant Coefficient of Variation in Nonparametric Regression. Journal of Statistical Theory and Practice, 2009, 3, 587-612.	0.3	5
160	Optimal designs for estimating the slope of a regression. Statistics, 2010, 44, 617-628.	0.3	5
161	Optimal design for smoothing splines. Annals of the Institute of Statistical Mathematics, 2011, 63, 981-1003.	0.5	5
162	Optimal designs for composed models in pharmacokineticâ€"pharmacodynamic experiments. Journal of Pharmacokinetics and Pharmacodynamics, 2012, 39, 295-311.	0.8	5

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163	Testing for a constant coefficient of variation in nonparametric regression by empirical processes. Annals of the Institute of Statistical Mathematics, 2012, 64, 1045-1070.	0.5	5
164	Scale Checks in Censored Regression. Scandinavian Journal of Statistics, 2012, 39, 323-339.	0.9	5
165	Matrix Measures, Random Moments, and Gaussian Ensembles. Journal of Theoretical Probability, 2012, 25, 25-49.	0.4	5
166	Smooth backfitting in additive inverse regression. Annals of the Institute of Statistical Mathematics, 2016, 68, 827-853.	0.5	5
167	Nonparametric inference of gradual changes in the jump behaviour of time-continuous processes. Stochastic Processes and Their Applications, 2018, 128, 3679-3723.	0.4	5
168	Testing model assumptions in multivariate linear regression models. Journal of Nonparametric Statistics, 2000, 12, 309-342.	0.4	4
169	Convex Optimal Designs for Compound Polynomial Extrapolation. Annals of the Institute of Statistical Mathematics, 2000, 52, 557-573.	0.5	4
170	A bootstrap test for the comparison of nonlinear time series. Computational Statistics and Data Analysis, 2009, 53, 1339-1349.	0.7	4
171	Robust Designs in Noninferiority Three-Arm Clinical Trials With Presence of Heteroscedasticity. Statistics in Biopharmaceutical Research, 2009, 1, 268-278.	0.6	4
172	Energy substitution: When model selection depends on the focus. Energy Economics, 2013, 39, 233-238.	5.6	4
173	Additive inverse regression models with convolution-type operators. Electronic Journal of Statistics, 2014, 8, .	0.4	4
174	Optimal designs for thermal spraying. Journal of the Royal Statistical Society Series C: Applied Statistics, 2017, 66, 53-72.	0.5	4
175	Multiscale inference for a multivariate density with applications to X-ray astronomy. Annals of the Institute of Statistical Mathematics, 2018, 70, 647-689.	0.5	4
176	Determinants of block Hankel matrices for random matrix-valued measures. Stochastic Processes and Their Applications, 2019, 129, 5200-5235.	0.4	4
177	Correcting Intraday Periodicity Bias in Realized Volatility Measures. Econometrics and Statistics, 2022, 23, 36-52.	0.4	4
178	A note on optimal designs for estimating the slope of a polynomial regression. Statistics and Probability Letters, 2021, 170, 108992.	0.4	4
179	Sequential change point detection in high dimensional time series. Electronic Journal of Statistics, 2022, 16, .	0.4	4
180	Online Calculation of Efficient Designs for Multi-Factor Models. Biometrical Journal, 2000, 42, 349-362.	0.6	3

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181	Efficient Experimental Design for the Behrens-Fisher Problem With Application to Bioassay. American Statistician, 2004, 58, 138-143.	0.9	3
182	A note on the maximization of matrix valued Hankel determinants with applications. Journal of Computational and Applied Mathematics, 2005, 177, 129-140.	1.1	3
183	Finite sample performance of sequential designs for model identification. Journal of Statistical Computation and Simulation, 2005, 75, 477-495.	0.7	3
184	Model Checks in Inverse Regression Models with Convolutionâ€Type Operators. Scandinavian Journal of Statistics, 2012, 39, 305-322.	0.9	3
185	Designing dose-finding studies with an active control for exponential families. Biometrika, 2015, 102, 937-950.	1.3	3
186	Efficient Computation of Bayesian Optimal Discriminating Designs. Journal of Computational and Graphical Statistics, 2017, 26, 424-433.	0.9	3
187	Bayesian <i>D</i>â€optimal designs for errorâ€inâ€variables models. Applied Stochastic Models in Business and Industry, 2017, 33, 269-281.	0.9	3
188	On Wignerâ€"Ville Spectra and the Uniqueness of Timeâ€Varying Copulaâ€Based Spectral Densities. Journal of Time Series Analysis, 2018, 39, 242-250.	0.7	3
189	Optimal designs for non-competitive enzyme inhibition kinetic models. Statistics, 2018, 52, 1359-1378.	0.3	3
190	New Modelâ€"Based Bioequivalence Statistical Approaches for Pharmacokinetic Studies with Sparse Sampling. AAPS Journal, 2020, 22, 141.	2.2	3
191	Some explicit solutions of c-optimal design problems for polynomial regression with no intercept. Annals of the Institute of Statistical Mathematics, 2021, 73, 61-82.	0.5	3
192	Detecting structural breaks in eigensystems of functional time series. Electronic Journal of Statistics, 2021, 15, .	0.4	3
193	Detecting relevant differences in the covariance operators of functional time series: a sup-norm approach. Annals of the Institute of Statistical Mathematics, 2022, 74, 195-231.	0.5	3
194	A test for randomness against ARMA alternatives. Stochastic Processes and Their Applications, 2000, 89, 131-139.	0.4	2
195	Robustness properties of minimally-supported Bayesian D-optimal designs for heteroscedastic models. Canadian Journal of Statistics, 2001, 29, 633-647.	0.6	2
196	Robust designs for series estimation. Computational Statistics and Data Analysis, 2008, 52, 4305-4324.	0.7	2
197	DISCOUNT CURVE ESTIMATION BY MONOTONIZING MCCULLOCH SPLINES. International Journal of Theoretical and Applied Finance, 2008, 11, 529-544.	0.2	2
198	Nonparametric comparison of quantile curves: a stochastic process approach. Journal of Nonparametric Statistics, 2013, 25, 243-260.	0.4	2

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199	'Nearly' universally optimal designs for models with correlated observations. Computational Statistics and Data Analysis, 2014, 71, 1103-1112.	0.7	2
200	Fourier Analysis of Serial Dependence Measures. Journal of Time Series Analysis, 2018, 39, 75-89.	0.7	2
201	Change-Point Detection in Autoregressive Models with no Moment Assumptions. Journal of Time Series Analysis, 2018, 39, 763-786.	0.7	2
202	The Empirical Process of Residuals from an Inverse Regression. Mathematical Methods of Statistics, 2019, 28, 104-126.	0.1	2
203	Optimal designs for estimating individual coefficients in polynomial regression with no intercept. Statistics and Probability Letters, 2020, 158, 108636.	0.4	2
204	Testing for similarity of binary efficacy–toxicity responses. Biostatistics, 2022, 23, 949-966.	0.9	2
205	Optimal designs for estimating critical effective dose under model uncertainty in a dose response study. Statistics and Its Interface, 2009, 2, 27-36.	0.2	2
206	Are deviations in a gradually varying mean relevant? A testing approach based on sup-norm estimators. Annals of Statistics, 2021, 49, .	1.4	2
207	The effect of intraday periodicity on realized volatility measures. Metrika, 2023, 86, 315-342.	0.5	2
208	NPUA: A new approach for the analysis of computer experiments. Chemometrics and Intelligent Laboratory Systems, 2010, 104, 333-340.	1.8	1
209	Optimal Designs for Rational Regression Models. Journal of Statistical Theory and Practice, 2015, 9, 376-394.	0.3	1
210	Testing for additivity in nonparametric quantile regression. Annals of the Institute of Statistical Mathematics, 2015, 67, 437-477.	0.5	1
211	Hankel Determinants of Random Moment Sequences. Journal of Theoretical Probability, 2017, 30, 1539-1564.	0.4	1
212	A focused information criterion for quantile regression: Evidence for the rebound effect. Quarterly Review of Economics and Finance, 2019, 71, 223-227.	1.5	1
213	Identifying shifts between two regression curves. Annals of the Institute of Statistical Mathematics, 2021, 73, 855-889.	0.5	1
214	Optimal Designs for Model Averaging in non-nested Models. Sankhya A, 2021, 83, 745-778.	0.4	1
215	Efficient Prediction of Grain Boundary Energies from Atomistic Simulations via Sequential Design. Advanced Theory and Simulations, 2022, 5, .	1.3	1
216	Random block matrices generalizing the classical Jacobi and Laguerre ensembles. Journal of Multivariate Analysis, 2010, 101, 1884-1897.	0.5	0

#	Article	IF	Citations
217	Comments on: An updated review of Goodness-of-Fit tests for regression models. Test, 2013, 22, 437-441.	0.7	0
218	Goodness-of-fit tests in long-range dependent processes under fixed alternatives. ESAIM - Probability and Statistics, 2013, 17, 432-443.	0.2	0
219	Distributions on matrix moment spaces. Journal of Multivariate Analysis, 2014, 131, 17-31.	0.5	0
220	Optimal designs for regression models with autoregressive errors. Statistics and Probability Letters, 2016, 116, 107-115.	0.4	0
221	Being Focused: When the Purpose of Inference Matters for Model Selection. SSRN Electronic Journal, 0, , .	0.4	0
222	Data Mining in Urology: Understanding Real-world Treatment Pathways for Lower Urinary Tract Systems via Exploration of Big Data. European Urology Focus, 2022, , .	1.6	0
223	Asymptotic equivalence for nonparametric regression with dependent errors: Gauss–Markov processes. Annals of the Institute of Statistical Mathematics, 0, , 1.	0.5	0
224	Similarity of competing risks models with constant intensities in an application to clinical healthcare pathways involving prostate cancer surgery. Statistics in Medicine, 0, , .	0.8	0