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	The effect of intraday periodicity on realized volatility measures. Metrika, 2023, 86, 315-342.	0.5	2
2	Efficient model-based bioequivalence testing. Biostatistics, 2022, 23, 314-327.	0.9	6
3	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
4	Testing for similarity of binary efficacy–toxicity responses. Biostatistics, 2022, 23, 949-966.	0.9	2
5	Correcting Intraday Periodicity Bias in Realized Volatility Measures. Econometrics and Statistics, 2022, 23, 36-52.	0.4	4
6	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
7	Sampling distributions of optimal portfolio weights and characteristics in small and large dimensions. Random Matrices: Theory and Application, 2022, 11, .	0.5	11
8	Efficient Prediction of Grain Boundary Energies from Atomistic Simulations via Sequential Design. Advanced Theory and Simulations, 2022, 5, .	1.3	1
9	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
10	Sequential change point detection in high dimensional time series. Electronic Journal of Statistics, 2022, 16, .	0.4	4
11	A new approach for open–end sequential change point monitoring. Journal of Time Series Analysis, 2021, 42, 63-84.	0.7	16
12	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
13	Detecting structural breaks in eigensystems of functional time series. Electronic Journal of Statistics, 2021, 15, .	0.4	3
14	Identifying shifts between two regression curves. Annals of the Institute of Statistical Mathematics, 2021, 73, 855-889.	0.5	1
15	Optimal Designs for Model Averaging in non-nested Models. Sankhya A, 2021, 83, 745-778.	0.4	1
16	A note on optimal designs for estimating the slope of a polynomial regression. Statistics and Probability Letters, 2021, 170, 108992.	0.4	4
17	Are deviations in a gradually varying mean relevant? A testing approach based on sup-norm estimators. Annals of Statistics, 2021, 49, .	1.4	2
18	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

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19	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
20	Equivalence of regression curves sharing common parameters. Biometrics, 2020, 76, 518-529.	0.8	6
21	Optimal designs for estimating individual coefficients in polynomial regression with no intercept. Statistics and Probability Letters, 2020, 158, 108636.	0.4	2
22	Multiscale change point detection for dependent data. Scandinavian Journal of Statistics, 2020, 47, 1243-1274.	0.9	16
23	New Modelâ€"Based Bioequivalence Statistical Approaches for Pharmacokinetic Studies with Sparse Sampling. AAPS Journal, 2020, 22, 141.	2.2	3
24	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
25	Likelihood ratio tests for many groups in high dimensions. Journal of Multivariate Analysis, 2020, 178, 104605.	0.5	13
26	Functional data analysis in the Banach space of continuous functions. Annals of Statistics, 2020, 48, .	1.4	17
27	The Empirical Process of Residuals from an Inverse Regression. Mathematical Methods of Statistics, 2019, 28, 104-126.	0.1	2
28	Determinants of block Hankel matrices for random matrix-valued measures. Stochastic Processes and Their Applications, 2019, 129, 5200-5235.	0.4	4
29	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
30	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
31	Detecting relevant changes in the mean of nonstationary processesâ€"A mass excess approach. Annals of Statistics, 2019, 47, .	1.4	19
32	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
33	Fourier Analysis of Serial Dependence Measures. Journal of Time Series Analysis, 2018, 39, 75-89.	0.7	2
34	Changeâ€Point Detection in Autoregressive Models with no Moment Assumptions. Journal of Time Series Analysis, 2018, 39, 763-786.	0.7	2
35	Adaptive grid semidefinite programming for finding optimal designs. Statistics and Computing, 2018, 28, 441-460.	0.8	9
36	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

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37	A Simple Test for White Noise in Functional Time Series. Journal of Time Series Analysis, 2018, 39, 54-74.	0.7	11
38	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
39	Assessing the similarity of dose response and target doses in two nonâ€overlapping subgroups. Statistics in Medicine, 2018, 37, 722-738.	0.8	12
40	Relevant change points in high dimensional time series. Electronic Journal of Statistics, 2018, 12, .	0.4	11
41	Optimal designs for non-competitive enzyme inhibition kinetic models. Statistics, 2018, 52, 1359-1378.	0.3	3
42	Regulatory assessment of drug dissolution profiles comparability via maximum deviation. Statistics in Medicine, 2018, 37, 2968-2981.	0.8	13
43	Optimal designs for thermal spraying. Journal of the Royal Statistical Society Series C: Applied Statistics, 2017, 66, 53-72.	0.5	4
44	Efficient Computation of Bayesian Optimal Discriminating Designs. Journal of Computational and Graphical Statistics, 2017, 26, 424-433.	0.9	3
45	Hankel Determinants of Random Moment Sequences. Journal of Theoretical Probability, 2017, 30, 1539-1564.	0.4	1
46	Bayesian *D*â€optimal designs for errorâ€inâ€variables models. Applied Stochastic Models in Business and Industry, 2017, 33, 269-281.	0.9	3
47	Nonparametric tests for detecting breaks in the jump behaviour of a time-continuous process. Bernoulli, 2017, 23, .	0.7	7
48	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
49	Efficient sampling in materials simulation - Exploring the parameter space of grain boundaries. Acta Materialia, 2017, 125, 145-155.	3.8	9
50	T-optimal discriminating designs for Fourier regression models. Computational Statistics and Data Analysis, 2017, 113, 196-206.	0.7	12
51	Model selection versus model averaging in dose finding studies. Statistics in Medicine, 2016, 35, 4021-4040.	0.8	37
52	Detecting Relevant Changes in Time Series Models. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2016, 78, 371-394.	1.1	39
53	Optimal designs for comparing curves. Annals of Statistics, 2016, 44, 1103-1130.	1.4	11
54	Optimal designs for regression models with autoregressive errors. Statistics and Probability Letters, 2016, 116, 107-115.	0.4	0

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55	Optimal designs in regression with correlated errors. Annals of Statistics, 2016, 44, 113-152.	1.4	20
56	Quantile spectral processes: Asymptotic analysis and inference. Bernoulli, 2016, 22, .	0.7	40
57	Testing multivariate economic restrictions using quantiles: The example of Slutsky negative semidefiniteness. Journal of Econometrics, 2016, 191, 129-144.	3.5	30
58	Smooth backfitting in additive inverse regression. Annals of the Institute of Statistical Mathematics, 2016, 68, 827-853.	0.5	5
59	Of copulas, quantiles, ranks and spectra: An L_{1}-approach to spectral analysis. Bernoulli, 2015, 21, .	0.7	46
60	Bayesian T-optimal discriminating designs. Annals of Statistics, 2015, 43, 1959-1985.	1.4	15
61	Detection of Multiple Structural Breaks in Multivariate Time Series. Journal of the American Statistical Association, 2015, 110, 654-668.	1.8	73
62	Detecting gradual changes in locally stationary processes. Annals of Statistics, 2015, 43, .	1.4	30
63	Optimal Designs for Rational Regression Models. Journal of Statistical Theory and Practice, 2015, 9, 376-394.	0.3	1
64	Designing dose-finding studies with an active control for exponential families. Biometrika, 2015, 102, 937-950.	1.3	3
65	Testing for additivity in nonparametric quantile regression. Annals of the Institute of Statistical Mathematics, 2015, 67, 437-477.	0.5	1
66	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
67	â€˜Nearlyâ€™ universally optimal designs for models with correlated observations. Computational Statistics and Data Analysis, 2014, 71, 1103-1112.	0.7	2
68	Optimal designs for the Michaelisâ€“Menten model with correlated observations. Statistics, 2014, 48, 1254-1267.	0.3	6
69	Distributions on matrix moment spaces. Journal of Multivariate Analysis, 2014, 131, 17-31.	0.5	0
70	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
71	Additive inverse regression models with convolution-type operators. Electronic Journal of Statistics, 2014, 8, .	0.4	4
72	E-optimal designs for second-order response surface models. Annals of Statistics, 2014, 42, .	1.4	11

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73	On the efficiency of two‐stage response‐adaptive designs. Statistics in Medicine, 2013, 32, 1646-1660.	0.8	18
74	Comments on: An updated review of Goodness-of-Fit tests for regression models. Test, 2013, 22, 437-441.	0.7	0
75	Energy substitution: When model selection depends on the focus. Energy Economics, 2013, 39, 233-238.	5.6	4
76	Nonparametric comparison of quantile curves: a stochastic process approach. Journal of Nonparametric Statistics, 2013, 25, 243-260.	0.4	2
77	The adaptive lasso in high-dimensional sparse heteroscedastic models. Mathematical Methods of Statistics, 2013, 22, 137-154.	0.1	7
78	Complete classes of designs for nonlinear regression models and principal representations of moment spaces. Annals of Statistics, 2013, 41, .	1.4	14
79	Testing Semiparametric Hypotheses in Locally Stationary Processes. Scandinavian Journal of Statistics, 2013, 40, 417-437.	0.9	7
80	Robust T-optimal discriminating designs. Annals of Statistics, 2013, 41, .	1.4	16
81	Significance testing in quantile regression. Electronic Journal of Statistics, 2013, 7, .	0.4	13
82	Optimal discriminating designs for several competing regression models. Annals of Statistics, 2013, 41, .	1.4	12
83	Optimal design for linear models with correlated observations. Annals of Statistics, 2013, 41, .	1.4	23
84	Goodness-of-fit tests in long-range dependent processes under fixed alternatives. ESAIM - Probability and Statistics, 2013, 17, 432-443.	0.2	0
85	Distributions on unbounded moment spaces and random moment sequences. Annals of Probability, 2012, 40, .	0.8	8
86	Model checks for the volatility under microstructure noise. Bernoulli, 2012, 18, .	0.7	16
87	T-optimal designs for discrimination between two polynomial models. Annals of Statistics, 2012, 40, .	1.4	25
88	Optimal Designs for Quantile Regression Models. Journal of the American Statistical Association, 2012, 107, 1140-1151.	1.8	10
89	Choice is suffering: A Focused Information Criterion for model selection. Economic Modelling, 2012, 29, 817-822.	1.8	8
90	Efficient Algorithms for Optimal Designs with Correlated Observations in Pharmacokinetics and Dose‐Finding Studies. Biometrics, 2012, 68, 138-145.	0.8	6

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91	Zeros and ratio asymptotics for matrix orthogonal polynomials. Journal D'Analyse Mathematique, 2012, 118, 657-690.	0.4	6
92	Optimal designs for composed models in pharmacokinetic–pharmacodynamic experiments. Journal of Pharmacokinetics and Pharmacodynamics, 2012, 39, 295-311.	0.8	5
93	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
94	Bridge estimators and the adaptive lasso under heteroscedasticity. Mathematical Methods of Statistics, 2012, 21, 109-126.	0.1	15
95	The quantile process under random censoring. Mathematical Methods of Statistics, 2012, 21, 127-141.	0.1	6
96	Model Checks in Inverse Regression Models with Convolution–Type Operators. Scandinavian Journal of Statistics, 2012, 39, 305-322.	0.9	3
97	Scale Checks in Censored Regression. Scandinavian Journal of Statistics, 2012, 39, 323-339.	0.9	5
98	Matrix Measures, Random Moments, and Gaussian Ensembles. Journal of Theoretical Probability, 2012, 25, 25-49.	0.4	5
99	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
100	Response-adaptive dose-finding under model uncertainty. Annals of Applied Statistics, 2011, 5, .	0.5	34
101	A note on the de la Garza phenomenon for locally optimal designs. Annals of Statistics, 2011, 39, .	1.4	38
102	Comparing Conditional Quantile Curves. Scandinavian Journal of Statistics, 2011, 38, 63-88.	0.9	9
103	Testing non-parametric hypotheses for stationary processes by estimating minimal distances. Journal of Time Series Analysis, 2011, 32, 447-461.	0.7	14
104	Estimation of additive quantile regression. Annals of the Institute of Statistical Mathematics, 2011, 63, 245-265.	0.5	10
105	Optimal design for smoothing splines. Annals of the Institute of Statistical Mathematics, 2011, 63, 981-1003.	0.5	5
106	Optimal designs for trigonometric regression models. Journal of Statistical Planning and Inference, 2011, 141, 1343-1353.	0.4	11
107	Optimal designs for estimating the slope of a regression. Statistics, 2010, 44, 617-628.	0.3	5
108	Optimal designs for discriminating between dose-response models in toxicology studies. Bernoulli, 2010, 16, .	0.7	6

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109	Optimal designs for random effect models with correlated errors with applications in population pharmacokinetics. Annals of Applied Statistics, 2010, 4, .	0.5	12
110	Random block matrices generalizing the classical Jacobi and Laguerre ensembles. Journal of Multivariate Analysis, 2010, 101, 1884-1897.	0.5	0
111	Random Block Matrices and Matrix Orthogonal Polynomials. Journal of Theoretical Probability, 2010, 23, 378-400.	0.4	9
112	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
113	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
114	NPUA: A new approach for the analysis of computer experiments. Chemometrics and Intelligent Laboratory Systems, 2010, 104, 333-340.	1.8	1
115	Practical considerations for optimal designs in clinical dose finding studies. Statistics in Medicine, 2010, 29, 731-742.	0.8	60
116	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
117	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
118	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
119	A robust test for homoscedasticity in nonparametric regression. Journal of Nonparametric Statistics, 2010, 22, 723-736.	0.4	11
120	Some Asymptotic Properties of the Spectrum of the Jacobi Ensemble. SIAM Journal on Mathematical Analysis, 2009, 41, 1491-1507.	0.9	9
121	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
122	Constrained optimal discrimination designs for Fourier regression models. Annals of the Institute of Statistical Mathematics, 2009, 61, 143-157.	0.5	14
123	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
124	Goodnessâ€‹ofâ€‹Fit Tests for Multiplicative Models with Dependent Data. Scandinavian Journal of Statistics, 2009, 36, 782-799.	0.9	19
125	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
126	A bootstrap test for the comparison of nonlinear time series. Computational Statistics and Data Analysis, 2009, 53, 1339-1349.	0.7	4

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127	A practical guide for optimal designs of experiments in the Monod model. Environmental Modelling and Software, 2009, 24, 1019-1026.	1.9	24
128	Khmaladze transformation of integrated variance processes with applications to goodness-of-fit testing. Mathematical Methods of Statistics, 2009, 18, 97-116.	0.1	14
129	Robust Designs in Noninferiority Three-Arm Clinical Trials With Presence of Heteroscedasticity. Statistics in Biopharmaceutical Research, 2009, 1, 268-278.	0.6	4
130	Optimal designs for dose-finding experiments in toxicity studies. Bernoulli, 2009, 15, .	0.7	8
131	Testing for a Constant Coefficient of Variation in Nonparametric Regression. Journal of Statistical Theory and Practice, 2009, 3, 587-612.	0.3	5
132	Optimal discrimination designs. Annals of Statistics, 2009, 37, .	1.4	58
133	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
134	Efficient experimental designs for sigmoidal growth models. Journal of Statistical Planning and Inference, 2008, 138, 2-17.	0.4	23
135	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
136	Testing the parametric form of the volatility in continuous time diffusion modelsâ€"a stochastic process approach. Journal of Econometrics, 2008, 143, 56-73.	3.5	32
137	Robust designs for series estimation. Computational Statistics and Data Analysis, 2008, 52, 4305-4324.	0.7	2
138	Improving updating rules in multiplicative algorithms for computing D-optimal designs. Computational Statistics and Data Analysis, 2008, 53, 312-320.	0.7	37
139	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
140	Optimal Designs for Dose-Finding Studies. Journal of the American Statistical Association, 2008, 103, 1225-1237.	1.8	96
141	DISCOUNT CURVE ESTIMATION BY MONOTONIZING MCCULLOCH SPLINES. International Journal of Theoretical and Applied Finance, 2008, 11, 529-544.	0.2	2
142	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
143	Optimal Designs for Estimating the Interesting Part of a Dose-Effect Curve. Journal of Biopharmaceutical Statistics, 2007, 17, 1097-1115.	0.4	49
144	Optimal designs for statistical analysis with Zernike polynomials. Statistics, 2007, 41, 453-470.	0.3	8

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145	On the number of support points of maximin and Bayesian optimal designs. Annals of Statistics, 2007, 35, 772.	1.4	23
146	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
147	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
148	Kolmogorovâ€"Smirnov-type testing for the partial homogeneity of Markov processesâ€"with application to credit risk. Applied Stochastic Models in Business and Industry, 2007, 23, 223-234.	0.9	7
149	Optimal discrimination designs for exponential regression models. Journal of Statistical Planning and Inference, 2007, 137, 2579-2592.	0.4	7
150	Compound optimal designs for percentile estimation in doseâ€"response models with restricted design intervals. Journal of Statistical Planning and Inference, 2007, 137, 3838-3847.	0.4	8
151	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
152	Estimating a Convex Function in Nonparametric Regression. Scandinavian Journal of Statistics, 2007, 34, 384-404.	0.9	43
153	Testing strict monotonicity in nonparametric regression. Mathematical Methods of Statistics, 2007, 16, 110-123.	0.1	16
154	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
155	Asymptotic properties of the algebraic moment range process. Acta Mathematica Hungarica, 2007, 116, 247-264.	0.3	7
156	Optimal Designs for Doseâ€"Response Models With Restricted Design Spaces. Journal of the American Statistical Association, 2006, 101, 747-759.	1.8	44
157	A simple nonparametric estimator of a strictly monotone regression function. Bernoulli, 2006, 12, 469.	0.7	111
158	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
159	Local c- and E-optimal Designs for Exponential Regression Models. Annals of the Institute of Statistical Mathematics, 2006, 58, 407-426.	0.5	7
160	Strictly monotone and smooth nonparametric regression for two or more variables. Canadian Journal of Statistics, 2006, 34, 535-561.	0.6	22
161	Some robust design strategies for percentile estimation in binary response models. Canadian Journal of Statistics, 2006, 34, 603-622.	0.6	21
162	A comparative study of monotone nonparametric kernel estimates. Journal of Statistical Computation and Simulation, 2006, 76, 41-56.	0.7	24

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163	Robust and efficient design of experiments for the Monod model. Journal of Theoretical Biology, 2005, 234, 537-550.	0.8	31
164	A note on the Bickel–Rosenblatt test in autoregressive time series. Statistics and Probability Letters, 2005, 74, 221-234.	0.4	26
165	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
166	Bayesian and maximin optimal designs for heteroscedastic regression models. Canadian Journal of Statistics, 2005, 33, 221-241.	0.6	10
167	A note on testing symmetry of the error distribution in linear regression models. Journal of Nonparametric Statistics, 2005, 17, 697-715.	0.4	19
168	Finite sample performance of sequential designs for model identification. Journal of Statistical Computation and Simulation, 2005, 75, 477-495.	0.7	3
169	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
170	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
171	Optimal designs for three-dimensional shape analysis with spherical harmonic descriptors. Annals of Statistics, 2005, 33, .	1.4	17
172	Efficient Experimental Design for the Behrens-Fisher Problem With Application to Bioassay. American Statistician, 2004, 58, 138-143.	0.9	3
173	Some comments on specification tests in nonparametric absolutely regular processes. Journal of Time Series Analysis, 2004, 25, 159-172.	0.7	39
174	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
175	A power comparison between nonparametric regression tests. Statistics and Probability Letters, 2004, 66, 289-301.	0.4	30
176	Optimal designs for a class of nonlinear regression models. Annals of Statistics, 2004, 32, .	1.4	30
177	On a test for a parametric form of volatility in continuous time financial models. Finance and Stochastics, 2003, 7, 363-384.	0.7	23
178	Quadrature formulas for matrix measures–a geometric approach. Linear Algebra and Its Applications, 2003, 364, 33-64.	0.4	21
179	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
180	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

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181	Some Methodological Aspects of Validation of Models in Nonparametric Regression. Statistica Neerlandica, 2003, 57, 207-244.	0.9	15
182	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
183	Nonparametric comparison of regression curves: an empirical process approach. Annals of Statistics, 2003, 31, 880.	1.4	91
184	Robust and Efficient Designs for the Michaelis–Menten Model. Journal of the American Statistical Association, 2003, 98, 679-686.	1.8	67
185	Optimal designs for estimating individual coefficients in Fourier regression models. Annals of Statistics, 2003, 31, 1669.	1.4	15
186	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
187	Journal of Computational and Applied Mathematics, 2002, 148, 349-361.	1.1	5
188	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
189	and Its Applications, 2002, 345, 169-193.	0.4	41
190	A Test for Additivity in Nonparametric Regression. Annals of the Institute of Statistical Mathematics, 2002, 54, 60-82.	0.5	12
191	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
192	Robust designs for polynomial regression by maximizing a minimum of D- and D1-efficiencies. Annals of Statistics, 2001, 29, 1024.	1.4	50
193	Robustness properties of minimally-supported Bayesian D-optimal designs for heteroscedastic models. Canadian Journal of Statistics, 2001, 29, 633-647.	0.6	2
194	Testing Additivity by Kernel-Based Methods: What Is a Reasonable Test?. Bernoulli, 2001, 7, 669.	0.7	20
195	Nonparametric analysis of covariance. Annals of Statistics, 2001, 29, .	1.4	51
196	Testing model assumptions in multivariate linear regression models. Journal of Nonparametric Statistics, 2000, 12, 309-342.	0.4	4
197	Online Calculation of Efficient Designs for Multi-Factor Models. Biometrical Journal, 2000, 42, 349-362.	0.6	3
198	A test for randomness against ARMA alternatives. Stochastic Processes and Their Applications, 2000, 89, 131-139.	0.4	2

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199	Convex Optimal Designs for Compound Polynomial Extrapolation. Annals of the Institute of Statistical Mathematics, 2000, 52, 557-573.	0.5	4
200	A note on a specification test of independence. Metrika, 2000, 51, 133-144.	0.5	5
201	Testing linearity of regression models with dependent errors by kernel based methods. Test, 2000, 9, 417-438.	0.7	16
202	Constrained D- and D_1-optimal designs for polynomial regression. Annals of Statistics, 2000, 28, .	1.4	19
203	E-optimal designs for the Michaelis–Menten model. Statistics and Probability Letters, 1999, 44, 405-408.	0.4	25
204	Optimal Designs When the Variance Is A Function of the Mean. Biometrics, 1999, 55, 925-929.	0.8	19
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