William Q Meeker

List of Publications by Year
in descending order

189 papers	7,023 citations	53794 45 h-index	71685 76 g-index
212 all docs	212 docs citations	212 times ranked	3253 citing authors

#	Article	IF	Citations
1	Predicting the Number of Future Events. Journal of the American Statistical Association, 2022, 117, 1296-1310.	3.1	3
2	Prediction of Future Failures for Heterogeneous Reliability Field Data. Technometrics, 2022, 64, 125-138.	1.9	6
3	Quantitative matching of forensic evidence fragments utilizing <scp>3D</scp> microscopy analysis of fracture surface replicas. Journal of Forensic Sciences, 2022, 67, 899-910.	1.6	3
4	Reliability Analysis of Artificial Intelligence Systems Using Recurrent Events Data from Autonomous Vehicles. Journal of the Royal Statistical Society Series C: Applied Statistics, 2022, 71, 987-1013.	1.0	5
5	Comments on â€œVirtual age, is it real? (Discussing virtual age in reliability context)â€•by M. Finkelstein and J. H. Cha. Applied Stochastic Models in Business and Industry, 2021, 37, 32-34.	1.5	1
6	Bayesian Methods for Planning Accelerated Repeated Measures Degradation Tests. Technometrics, 2021, 63, 90-99.	1.9	9
7	A Peek into the Future. , 2021, , 173-190.		0
8	Assessment of Distributional Goodness-of-Fit for Modeling the Superposition of Renewal Process Data. Emerging Topics in Statistics and Biostatistics, 2021, , 245-270.	0.1	0
9	Classification With the Matrix-Variate-t Distribution. Journal of Computational and Graphical Statistics, 2020, 29, 668-674.	1.7	19
10	Evaluating the involvement of tryptophan on thiolated peptide-mercury(II) complexes: Cation-pi interactions. Inorganica Chimica Acta, 2020, 506, 119552.	2.4	8
11	Applications of the Fractional-Random-Weight Bootstrap. American Statistician, 2020, 74, 345-358.	1.6	21
12	Probabilistic Approach to Integrating Thermal Effects in Camber and Stress Analyses of Concrete Beams. Journal of Bridge Engineering, 2020, 25, 04020010.	2.9	2
13	Seasonal warranty prediction based on recurrent event data. Annals of Applied Statistics, 2020, 14, .	1.1	13
14	Using degradation models to assess pipeline life. Applied Stochastic Models in Business and Industry, 2019, 35, 1411-1430.	1.5	3
15	Is reliability a new science? A paper from the panel session held at the 10th International Conference on Mathematical Methods in Reliability. Applied Stochastic Models in Business and Industry, 2019, 35, 260-269.	1.5	1
16	A Hierarchical Model for Heterogenous Reliability Field Data. Technometrics, 2019, 61, 354-368.	1.9	10
17	Quantile POD for nondestructive evaluation with hit--miss data. Research in Nondestructive Evaluation, 2019, 30, 89-111.	1.1	2
18	Efficient Model-Assisted Probability of Detection and Sensitivity Analysis for Ultrasonic Testing Simulations Using Stochastic Metamodeling. Journal of Nondestructive Evaluation, Diagnostics and Prognostics of Engineering Systems, 2019, 2, .	0.9	8

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19	A latent spatial piecewise exponential model for interval-censored disease surveillance data with time-varying covariates and misclassification. Statistics and Its Interface, 2019, 12, 11-19.	0.3	4
20	Big data and reliability applications: The complexity dimension. Journal of Quality Technology, 2018, 50, 135-149.	2.5	56
21	Two-sided tolerance intervals for members of the (log)-location-scale family of distributions. Quality Technology and Quantitative Management, 2018, 15, 374-392.	1.9	7
22	Model-assisted probability of detection of flaws in aluminum blocks using polynomial chaos expansions. AIP Conference Proceedings, 2018, , .	0.4	1
23	A Statistical Framework for Improved Automatic Flaw Detection in Nondestructive Evaluation Images. Technometrics, 2017, 59, 247-261.	1.9	5
24	Estimating a Parametric Component Lifetime Distribution from a Collection of Superimposed Renewal Processes. Technometrics, 2017, 59, 202-214.	1.9	11
25	A Multi-Level Trend-Renewal Process for Modeling Systems With Recurrence Data. Technometrics, 2017, 59, 225-236.	1.9	15
26	Product Component Genealogy Modeling and Field‐failure Prediction. Quality and Reliability Engineering International, 2017, 33, 135-148.	2.3	2
27	A general algorithm for computing simultaneous prediction intervals for the (log)-location-scale family of distributions. Journal of Statistical Computation and Simulation, 2017, 87, 1559-1576.	1.2	1
28	Photodegradation modeling based on laboratory accelerated test data and predictions under outdoor weathering for polymeric materials. Annals of Applied Statistics, 2017, 11, .	1.1	9
29	VibroSim: A hybrid computational/empirical model of vibrothermography nondestructive evaluation. AIP Conference Proceedings, 2016, , .	0.4	4
30	The Number of MCMC Draws Needed to Compute Bayesian Credible Bounds. American Statistician, 2016, 70, 275-284.	1.6	16
31	Bayesian Life Test Planning for Log-Location-Scale Family of Distributions. Journal of Quality Technology, 2015, 47, 336-350.	2.5	20
32	Statistical Methods for Estimating the Minimum Thickness Along a Pipeline. Technometrics, 2015, 57, 164-179.	1.9	4
33	Understanding and Addressing the Unbounded "Likelihood" Problem. American Statistician, 2015, 69, 191-200.	1.6	13
34	Assessing Risk of a Serious Failure Mode Based on Limited Field Data. IEEE Transactions on Reliability, 2015, 64, 51-62.	4.6	13
35	Statistical Methods for Degradation Data With Dynamic Covariates Information andÂanÂApplication to Outdoor Weathering Data. Technometrics, 2015, 57, 180-193.	1.9	69
36	Quantile POD for hit-miss data. , 2014, , .		0

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37	Bayesian planning of hit-miss inspection tests. , 2014, , .		1
38	Physical Model-Assisted Probability of Detection of Flaws in Titanium Forgings Using Ultrasonic Nondestructive Evaluation. Technometrics, 2014, 56, 78-91.	1.9	13
39	Confidence interval procedures for system reliability and applications to competing risks models. Lifetime Data Analysis, 2014, 20, 161-184.	0.9	10
40	Methods for planning repeated measures accelerated degradation tests. Applied Stochastic Models in Business and Industry, 2014, 30, 658-671.	1.5	30
41	Reliability Meets Big Data: Opportunities and Challenges. Quality Engineering, 2014, 26, 102-116.	1.1	166
42	The Residual Lifetime of Surviving Components From Failed Coherent Systems. IEEE Transactions on Reliability, 2014, 63, 534-542.	4.6	4
43	Detecting cracks in aircraft engine fan blades using vibrothermography nondestructive evaluation. Reliability Engineering and System Safety, 2014, 131, 229-235.	8.9	33
44	Application of Bayesian Methods in Reliability Data Analyses. Journal of Quality Technology, 2014, 46, 1-23.	2.5	55
45	Rejoinder: Methods for planning repeated measures accelerated degradation tests. Applied Stochastic Models in Business and Industry, 2014, 30, 686-690.	1.5	1
46	Mixture Representations of Reliability in Coherent Systems and Preservation Results Under Double Monitoring. Communications in Statistics - Theory and Methods, 2013, 42, 385-397.	1.0	15
47	Field-Failure Predictions Based on Failure-Time Data With Dynamic Covariate Information. Technometrics, 2013, 55, 135-149.	1.9	59
48	A simulation study on the confidence interval procedures of some mean cumulative function estimators. Journal of Statistical Computation and Simulation, 2013, 83, 1868-1889.	1.2	1
49	Methods for Planning Repeated Measures Degradation Studies. Technometrics, 2013, 55, 122-134.	1.9	46
50	Statistical Assessment of Probability of Detection for Automated Eddy Current Nondestructive Evaluation Inspection. Research in Nondestructive Evaluation, 2013, 24, 89-104.	1.1	2
51	More Pitfalls of Accelerated Tests. Journal of Quality Technology, 2013, 45, 213-222.	2.5	19
52	A Statistical Method for Crack Detection from Vibrothermography Inspection Data. Quality Technology and Quantitative Management, 2012, 9, 59-77.	1.9	7
53	Maintenance and recurrent event analysis of circuit breaker data. International Journal of Quality and Reliability Management, 2012, 29, 560-575.	2.0	7
54	Joint Estimation of NDE Inspection Capability and Flaw-Size Distribution for In-Service Aircraft Inspections. Research in Nondestructive Evaluation, 2012, 23, 104-123.	1.1	15

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55	Asymptotic properties of mean cumulative function estimators from window-observation recurrence data. Journal of Statistical Planning and Inference, 2012, 142, 2943-2952.	0.6	2
56	Bayesian Methods for Accelerated Destructive Degradation Test Planning. IEEE Transactions on Reliability, 2012, 61, 245-253.	4.6	61
57	Quantifying the vibrothermographic effect. NDT and E International, 2011, 44, 775-782.	3.7	54
58	Accelerated Destructive Degradation Tests Robust to Distribution Misspecification. IEEE Transactions on Reliability, 2011, 60, 701-711.	4.6	22
59	Quantitative Multi-Inspection-Site Comparison of Probability of Detection for Vibrothermography Nondestructive Evaluation Data. Journal of Nondestructive Evaluation, 2011, 30, 172-178.	2.4	16
60	The importance of identifying different components of a mixture distribution in the prediction of field returns. Applied Stochastic Models in Business and Industry, 2011, 27, 280-289.	1.5	1
61	Coverage probabilities of simultaneous confidence bands and regions for log-location-scale distributions. Statistics and Probability Letters, 2010, 80, 733-738.	0.7	5
62	Strategy for Planning Accelerated Life Tests With Small Sample Sizes. IEEE Transactions on Reliability, 2010, 59, 610-619.	4.6	27
63	A Tool for Evaluating Time-Varying-Stress Accelerated Life Test Plans With Log-Location-Scale Distributions. IEEE Transactions on Reliability, 2010, 59, 620-627.	4.6	26
64	Statistical methods for automatic crack detection based on vibrothermography sequence-of-images data. Applied Stochastic Models in Business and Industry, 2010, 26, 481-495.	1.5	12
65	â€˜Statistical methods for automatic crack detection based on vibrothermography sequence-of-images dataâ€™ by M. Li, S. D. Holland and W. Q. Meeker: Rejoinder. Applied Stochastic Models in Business and Industry, 2010, 26, 509-512.	1.5	0
66	Field-Failure and Warranty Prediction Based on Auxiliary Use-Rate Information. Technometrics, 2010, 52, 148-159.	1.9	44
67	A Comparison of Maximum Likelihood and Median-Rank Regression for Weibull Estimation. Quality Engineering, 2010, 22, 236-255.	1.1	114
68	Trends in the Statistical Assessment of Reliability. , 2010, , 3-16.		7
69	A Model for Field Failure Prediction Using Dynamic Environmental Data. , 2010, , 223-233.		4
70	A transformer health assessment ranking method: Use of model based scoring expert system. , 2009, , .		6
71	Simultaneous confidence bands and regions for log-location-scale distributions with censored data. Journal of Statistical Planning and Inference, 2009, 139, 3231-3245.	0.6	5
72	Discussion of â€œOpportunities and Issues in Multiple Data Type Meta-Analysesâ€. Quality Engineering, 2009, 21, 256-259.	1.1	1

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73	Accelerated Destructive Degradation Test Planning. Technometrics, 2009, 51, 1-13.	1.9	67
74	Using Accelerated Life Tests Results to Predict Product Field Reliability. Technometrics, 2009, 51, 146-161.	1.9	66
75	Prediction of remaining life of power transformers based on left truncated and right censored lifetime data. Annals of Applied Statistics, 2009, 3, .	1.1	122
76	Linking Accelerated Laboratory Test with Outdoor Performance Results for a Model Epoxy Coating System. , 2009, , 3-28.		21
77	A Statistical Model for Linking Field and Laboratory Exposure Results for a Model Coating. , 2009, , 29-43.		13
78	Optimum stepâ€stress accelerated life test plans for logâ€locationâ€scale distributions. Naval Research Logistics, 2008, 55, 551-562.	2.2	40
79	The Relationship Between Confidence Intervals for Failure Probabilities and Life Time Quantiles. IEEE Transactions on Reliability, 2008, 57, 260-266.	4.6	12
80	The Future of Industrial Statistics: A Panel Discussion. Technometrics, 2008, 50, 103-127.	1.9	28
81	Time Series Modeling of Degradation Due to Outdoor Weathering. Communications in Statistics - Theory and Methods, 2008, 37, 408-424.	1.0	22
82	DETECTING CRACKS IN FAN BLADES USING SONIC IR. AIP Conference Proceedings, 2008, , .	0.4	0
83	Avoiding Problems With Normal Approximation Confidence Intervals for Probabilities. Technometrics, 2008, 50, 64-68.	1.9	11
84	Analysis of Window-Observation Recurrence Data. Technometrics, 2008, 50, 128-143.	1.9	14
85	Sensitivity Analysis to Assess the Effects of Misses in the Estimation of POD from Field Inspection Data. AIP Conference Proceedings, 2007, , .	0.4	2
86	Assessing the POD of Hard-Alpha Inclusions from Field Data. AIP Conference Proceedings, 2007, , .	0.4	2
87	Assessment of Components of Variance in NDE Data. AIP Conference Proceedings, 2007, , .	0.4	0
88	An Algorithm for Screening Sonic IR Movies. AIP Conference Proceedings, 2007, , .	0.4	0
89	Integrated Decision Algorithms for Auto-steered Electric Transmission System Asset Management. Lecture Notes in Computer Science, 2007, , 1066-1073.	1.3	5
90	A Review of Accelerated Test Models. Statistical Science, 2006, 21, 552.	2.8	528

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91	Accelerated Life Test Models and Data Analysis. , 2006, , 397-426.		14
92	Bayesian Methods for Planning Accelerated Life Tests. Technometrics, 2006, 48, 49-60.	1.9	100
93	A Statistical Model to Adjust for Flaw-Size Bias in the Computation of Probability of Detection. AIP Conference Proceedings, 2006, , .	0.4	0
94	A Bivariate Regression Model for Assessment of Multizone Ultrasonic POD. AIP Conference Proceedings, 2006, , .	0.4	4
95	Bayesian life test planning for the Weibull distribution with given shape parameter. Metrika, 2005, 61, 237-249.	0.8	65
96	Sample Size and Number of Failure Requirements for Demonstration Tests With Log-Location-Scale Distributions and Failure Censoring. Technometrics, 2005, 47, 182-190.	1.9	26
97	Block Bootstrap Estimation of the Distribution of Cumulative Outdoor Degradation. Technometrics, 2004, 46, 215-224.	1.9	18
98	Reliability: The Other Dimension of Quality. Quality Technology and Quantitative Management, 2004, 1, 1-25.	1.9	53
99	ACCELERATED DESTRUCTIVE DEGRADATION TESTS: DATA, MODELS, AND ANALYSIS. Series on Quality, Reliability and Engineering Statistics, 2003, , 319-337.	0.2	31
100	Early Detection of Reliability Problems Using Information From Warranty Databases. Technometrics, 2002, 44, 120-133.	1.9	74
101	Weibull Prediction Intervals for a Future Number of Failures. Technometrics, 2002, 44, 15-23.	1.9	44
102	Using Accelerated Tests to Predict Service Life in Highly Variable Environments. ACS Symposium Series, 2001, , 396-413.	0.5	17
103	Parametric Simultaneous Confidence Bands for Cumulative Distributions From Censored Data. Technometrics, 2001, 43, 450-461.	1.9	14
104	THE ASYMPTOTIC EQUIVALENCE OF THE FISHER INFORMATION MATRICES FOR TYPE I AND TYPE II CENSORED DATA FROM LOCATION-SCALE FAMILIES. Communications in Statistics - Theory and Methods, 2001, 30, 2211-2225.	1.0	21
105	A methodology for predicting probability of detection for ultrasonic testing. AIP Conference Proceedings, 2001, , .	0.4	5
106	Ultrasonic and statistical analyses of hard-alpha defects in titanium alloys. AIP Conference Proceedings, 2001, , .	0.4	2
107	Comparisons of Approximate Confidence Interval Procedures for Type I Censored Data. Technometrics, 2000, 42, 135-148.	1.9	50
108	Comparisons of Approximate Confidence Interval Procedures for Type I Censored Data. Technometrics, 2000, 42, 135.	1.9	23

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109	Estimating Fatigue Curves With the Random Fatigue-Limit Model. Technometrics, 1999, 41, 277-289.	1.9	205
110	A failure-time model for infant-mortality and wearout failure modes. IEEE Transactions on Reliability, 1999, 48, 377-387.	4.6	34
111	Statistical Prediction Based on Censored Life Data. Technometrics, 1999, 41, 113-124.	1.9	50
112	Accelerated Life Tests: Concepts and Data Analysis. ACS Symposium Series, 1999, , 149-169.	0.5	2
113	Statistical Prediction Based on Censored Life Data. Technometrics, 1999, 41, 113.	1.9	25
114	Estimating Fatigue Curves with the Random Fatigue-Limit Model. Technometrics, 1999, 41, 277.	1.9	56
115	Pitfalls of accelerated testing. IEEE Transactions on Reliability, 1998, 47, 114-118.	4.6	71
116	Accelerated Degradation Tests: Modeling and Analysis. Technometrics, 1998, 40, 89-99.	1.9	375
117	A BAYESIAN ON-LINE CHANGE DETECTION ALGORITHM WITH PROCESS MONITORING APPLICATIONS. Quality Engineering, 1998, 10, 539-549.	1.1	9
118	Improved Methodology for Inspection Reliability Assessment for Detecting Synthetic Hard Alpha Inclusions in Titanium. , 1998, , 2061-2068.		8
119	The Modified Sudden Death Test: Planning Life Tests with a Limited Number of Test Positions. Journal of Testing and Evaluation, 1998, 26, 434-443.	0.7	30
120	Accelerated Degradation Tests: Modeling and Analysis. Technometrics, 1998, 40, 89.	1.9	109
121	Analysis of Environmental Data with Censored Observations. Environmental Science & Technology, 1997, 31, 3358-3362.	10.0	46
122	Directions for improvement of substitute heart valves: National Heart, Lung, and Blood Institute's working group report on heart valves. , 1997, 38, 263-266.		26
123	Analysis of Fatigue Data with Runouts Based on a Model with Nonconstant Standard Deviation and a Fatigue Limit Parameter. Journal of Testing and Evaluation, 1997, 25, 292-301.	0.7	39
124	Improved Methodology for Predicting POD of Detecting Synthetic Hard Alpha Inclusions in Titanium. , 1997, , 2021-2028.		5
125	AN ANALYSIS OF FAILURE-TIME DISTRIBUTIONS FOR PRODUCT DESIGN OPTIMIZATION. Quality and Reliability Engineering International, 1996, 12, 429-438.	2.3	2
126	[Applications of Statistical Methods to Nondestructive Evaluation]: Reply. Technometrics, 1996, 38, 128.	1.9	0

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127	Statistical Tests for Signals in Categorial Temporal Data. Biometrical Journal, 1996, 38, 39-59.	1.0	2
128	Applications of Statistical Methods to Nondestructive Evaluation. Technometrics, 1996, 38, 95-112.	1.9	43
129	Using Graphics and Simulation to Teach Statistical Concepts. American Statistician, 1996, 50, 342-351.	1.6	23
130	Using Graphics and Simulation to Teach Statistical Concepts. American Statistician, 1996, 50, 342.	1.6	18
131	Applications of Statistical Methods to Nondestructive Evaluation. Technometrics, 1996, 38, 95.	1.9	16
132	Methodology for Estimating Nondestructive Evaluation Capability. , 1996, , 1983-1990.		11
133	Statistics Education Fin de Siecle. American Statistician, 1995, 49, 250.	1.6	9
134	Teaching about Approximate Confidence Regions Based on Maximum Likelihood Estimation. American Statistician, 1995, 49, 48.	1.6	85
135	An Accelerated Life Test Model Based on Reliability Kinetics. Technometrics, 1995, 37, 133-146.	1.9	67
136	Planning Accelerated Life Tests With Two or More Experimental Factors. Technometrics, 1995, 37, 411-427.	1.9	67
137	Teaching about Approximate Confidence Regions Based on Maximum Likelihood Estimation. American Statistician, 1995, 49, 48-53.	1.6	196
138	Statistical tools for the rapid development and evaluation of high-reliability products. IEEE Transactions on Reliability, 1995, 44, 187-198.	4.6	95
139	An Accelerated Life Test Model Based on Reliability Kinetics. Technometrics, 1995, 37, 133.	1.9	34
140	Planning Accelerated Life Tests with Two or More Experimental Factors. Technometrics, 1995, 37, 411.	1.9	39
141	An algorithm to compute the cdf of the product of two normal random variables. Communications in Statistics Part B: Simulation and Computation, 1994, 23, 271-280.	1.2	18
142	Optimum Accelerated Life Tests Wth a Nonconstant Scale Parameter. Technometrics, 1994, 36, 71-83.	1.9	67
143	Algorithm AS 292: Fisher Information Matrix for the Extreme Value, Normal and Logistic Distributions and Censored Data. Journal of the Royal Statistical Society Series C: Applied Statistics, 1994, 43, 533.	1.0	44
144	Maximum Likelihood Methods for Fitting Parametric Statistical Models. Methods in Experimental Physics, 1994, , 211-244.	0.1	7

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145	Optimum Accelerated Life Tests with a Nonconstant Scale Parameter. Technometrics, 1994, 36, 71.	1.9	76
146	The nontruncated marginal of a truncated bivariate normal distribution. Psychometrika, 1993, 58, 471-488.	2.1	160
147	A Review of Recent Research and Current Issues in Accelerated Testing. International Statistical Review, 1993, 61, 147.	1.9	127
148	Assumptions for Statistical Inference. American Statistician, 1993, 47, 1-11.	1.6	80
149	Assumptions for Statistical Inference. American Statistician, 1993, 47, 1.	1.6	48
150	Assessing Influence in Regression Analysis with Censored Data. Biometrics, 1992, 48, 507.	1.4	128
151	Sample sizes for estimating the Weibull hazard function from censored samples. IEEE Transactions on Reliability, 1992, 41, 133-138.	4.6	9
152	Coverage probabilities of nonparametric simultaneous confidence bands for a survival function. Journal of Statistical Computation and Simulation, 1991, 38, 83-97.	1.2	4
153	Accuracy of approx confidence bounds using censored Weibull regression data from accelerated life tests. IEEE Transactions on Reliability, 1990, 39, 346-351.	4.6	50
154	Accuracy of approximate confidence bounds computed from interval censored weibull and lognormal data. Journal of Statistical Computation and Simulation, 1988, 29, 43-76.	1.2	26
155	Limited Failure Population Life Tests: Application to Integrated Circuit Reliability. Technometrics, 1987, 29, 51-65.	1.9	76
156	Limited Failure Population Life Tests: Application to Integrated Circuit Reliability. Technometrics, 1987, 29, 51.	1.9	41
157	Planning accelerated life tests with type II censored data. Journal of Statistical Computation and Simulation, 1986, 23, 273-297.	1.2	14
158	Algorithm AS 218: Elements of the Fisher Information Matrix for the Smallest Extreme Value Distribution and Censored Data. Journal of the Royal Statistical Society Series C: Applied Statistics, 1986, 35, 80.	1.0	21
159	Planning Life Tests in Which Units Are Inspected for Failure. IEEE Transactions on Reliability, 1986, 35, 571-578.	4.6	45
160	An Engineer's Guide to Books on Statistics and Data Analysis. Journal of Quality Technology, 1984, 16, 196-218.	2.5	13
161	A Comparison of Accelerated Life Test Plans for Weibull and Lognormal Distributions and Type I Censoring. Technometrics, 1984, 26, 157-171.	1.9	130
162	A Comparison of Accelerated Life Test Plans for Weibull and Lognormal Distributions and Type I Censoring. Technometrics, 1984, 26, 157.	1.9	49

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163	Pitfalls and Practical Considerations in Product Life Analysis—Part I: Basic Concepts and Dangers of Extrapolation. Journal of Quality Technology, 1982, 14, 144-152.	2.5	15
164	Pitfalls and Practical Considerations in Product Life Analysis—Part II: Mixtures of Product Populations and More General Models. Journal of Quality Technology, 1982, 14, 177-185.	2.5	2
165	Sample Sizes for Prediction Intervals. Journal of Quality Technology, 1982, 14, 201-206.	2.5	6
166	CENSOR-A User-Oriented Computer Program for Life Data Analysis. American Statistician, 1981, 35, 112.	1.6	21
167	Prediction Intervals for the Ratios of Normal Distribution Sample Variances and Exponential Distribution Sample Means. Technometrics, 1980, 22, 357-366.	1.9	8
168	Prediction Intervals for the Ratios of Normal Distribution Sample Variances and Exponential Distribution Sample Means. Technometrics, 1980, 22, 357.	1.9	2
169	A Comparison of Accelerated Test Plans to Estimate the Survival Probability at a Design Stress. Technometrics, 1978, 20, 245-247.	1.9	11
170	Theory for Optimum Accelerated Censored Life Tests for Weibull and Extreme Value Distributions. Technometrics, 1978, 20, 171-177.	1.9	153
171	TSERIES-A User-Oriented Computer Program for Time Series Analysis. American Statistician, 1978, 32, 111.	1.6	0
172	Evaluating the Effect of Incorrect Specification of a Regression Model. Journal of Quality Technology, 1978, 10, 61-72.	2.5	6
173	Evaluating the Effect of Incorrect Specification of a Regression Model. Journal of Quality Technology, 1978, 10, 93-98.	2.5	6
174	A Comparison of Accelerated Test Plans to Estimate the Survival Probability at a Design Stress. Technometrics, 1978, 20, 245.	1.9	7
175	Theory for Optimum Accelerated Censored Life Tests for Weibull and Extreme Value Distributions. Technometrics, 1978, 20, 171.	1.9	62
176	Asymptotically Optimum Over-Stress Tests to Estimate the Survival Probability at a Condition with a Low Expected Failure Probability. Technometrics, 1977, 19, 381-399.	1.9	53
177	Weibull Variances and Confidence Limits by Maximum Likelihood for Singly Censored Data. Technometrics, 1977, 19, 473-476.	1.9	23
178	New Bias Evaluation Features of EXPLOR-A Program for Assessing Experimental Design Properties. American Statistician, 1977, 31, 95.	1.6	3
179	New Developments in Statistical Computing: New Bias Evaluation Features of EXPLOR—A Program for Assessing Experimental Design Properties. American Statistician, 1977, 31, 95-96.	1.6	2
180	Asymptotically Optimum Over-Stress Tests to Estimate the Survival Probability at a Condition with a Low Expected Failure Probability. Technometrics, 1977, 19, 381.	1.9	11

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181	Weibull Variances and Confidence Limits by Maximum Likelihood for Singly Censored Data. Technometrics, 1977, 19, 473.	1.9	11
182	Weibull Percentile Estimates and Confidence Limits from Singly Censored Data by Maximum Likelihood. IEEE Transactions on Reliability, 1976, R-25, 20-24.	4.6	21
183	The Evaluation and Comparison of Experimental Designs for Fitting Regression Relationships. Journal of Quality Technology, 1976, 8, 140-157.	2.5	28
184	A Computer Program for Evaluating and Comparing Experimental Designs and Some Applications. American Statistician, 1975, 29, 60-64.	1.6	8
185	A Computer Program for Evaluating and Comparing Experimental Designs and Some Applications. American Statistician, 1975, 29, 60.	1.6	9
186	Optimum Accelerated Life-Tests for the Weibull and Extreme Value Distributions. IEEE Transactions on Reliability, 1975, R-24, 321-332.	4.6	87
187	Use of Sensitivity Analysis to Assess the Effect of Model Uncertainty in Analyzing Accelerated Life Test Data. , 0, , 135-162.		2
188	Use of Truncated Regression Methods to Estimate the Shelf Life of a Product from Incomplete Historical Data. , 0, , 269-291.		1
189	Constructing Prediction Intervals Using the Likelihood Ratio Statistic. INFORMS Journal on Data Science, 0, , .	1.6	1