

# William Q Meeker

## List of Publications by Year in descending order

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189  
papers

7,023  
citations

61857

43  
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76769

74  
g-index

212  
all docs

212  
docs citations

212  
times ranked

3253  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review of Accelerated Test Models. <i>Statistical Science</i> , 2006, 21, 552.	1.6	528
2	Accelerated Degradation Tests: Modeling and Analysis. <i>Technometrics</i> , 1998, 40, 89-99.	1.3	375
3	Estimating Fatigue Curves With the Random Fatigue-Limit Model. <i>Technometrics</i> , 1999, 41, 277-289.	1.3	205
4	Teaching about Approximate Confidence Regions Based on Maximum Likelihood Estimation. <i>American Statistician</i> , 1995, 49, 48-53.	0.9	196
5	Reliability Meets Big Data: Opportunities and Challenges. <i>Quality Engineering</i> , 2014, 26, 102-116.	0.7	166
6	The nontruncated marginal of a truncated bivariate normal distribution. <i>Psychometrika</i> , 1993, 58, 471-488.	1.2	160
7	Theory for Optimum Accelerated Censored Life Tests for Weibull and Extreme Value Distributions. <i>Technometrics</i> , 1978, 20, 171-177.	1.3	153
8	A Comparison of Accelerated Life Test Plans for Weibull and Lognormal Distributions and Type I Censoring. <i>Technometrics</i> , 1984, 26, 157-171.	1.3	130
9	Assessing Influence in Regression Analysis with Censored Data. <i>Biometrics</i> , 1992, 48, 507.	0.8	128
10	A Review of Recent Research and Current Issues in Accelerated Testing. <i>International Statistical Review</i> , 1993, 61, 147.	1.1	127
11	Prediction of remaining life of power transformers based on left truncated and right censored lifetime data. <i>Annals of Applied Statistics</i> , 2009, 3, .	0.5	122
12	A Comparison of Maximum Likelihood and Median-Rank Regression for Weibull Estimation. <i>Quality Engineering</i> , 2010, 22, 236-255.	0.7	114
13	Accelerated Degradation Tests: Modeling and Analysis. , 0, .		109
14	Bayesian Methods for Planning Accelerated Life Tests. <i>Technometrics</i> , 2006, 48, 49-60.	1.3	100
15	Statistical tools for the rapid development and evaluation of high-reliability products. <i>IEEE Transactions on Reliability</i> , 1995, 44, 187-198.	3.5	95
16	Optimum Accelerated Life-Tests for the Weibull and Extreme Value Distributions. <i>IEEE Transactions on Reliability</i> , 1975, R-24, 321-332.	3.5	87
17	Teaching about Approximate Confidence Regions Based on Maximum Likelihood Estimation. <i>American Statistician</i> , 1995, 49, 48.	0.9	85
18	Assumptions for Statistical Inference. <i>American Statistician</i> , 1993, 47, 1-11.	0.9	80

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19	Limited Failure Population Life Tests: Application to Integrated Circuit Reliability. Technometrics, 1987, 29, 51-65.	1.3	76
20	Optimum Accelerated Life Tests with a Nonconstant Scale Parameter. Technometrics, 1994, 36, 71.	1.3	76
21	Early Detection of Reliability Problems Using Information From Warranty Databases. Technometrics, 2002, 44, 120-133.	1.3	74
22	Pitfalls of accelerated testing. IEEE Transactions on Reliability, 1998, 47, 114-118.	3.5	71
23	Statistical Methods for Degradation Data With Dynamic Covariates Information and Application to Outdoor Weathering Data. Technometrics, 2015, 57, 180-193.	1.3	69
24	Optimum Accelerated Life Tests With a Nonconstant Scale Parameter. Technometrics, 1994, 36, 71-83.	1.3	67
25	An Accelerated Life Test Model Based on Reliability Kinetics. Technometrics, 1995, 37, 133-146.	1.3	67
26	Planning Accelerated Life Tests With Two or More Experimental Factors. Technometrics, 1995, 37, 411-427.	1.3	67
27	Accelerated Destructive Degradation Test Planning. Technometrics, 2009, 51, 1-13.	1.3	67
28	Using Accelerated Life Tests Results to Predict Product Field Reliability. Technometrics, 2009, 51, 146-161.	1.3	66
29	Bayesian life test planning for the Weibull distribution with given shape parameter. Metrika, 2005, 61, 237-249.	0.5	65
30	Theory for Optimum Accelerated Censored Life Tests for Weibull and Extreme Value Distributions. , 0, .		62
31	Bayesian Methods for Accelerated Destructive Degradation Test Planning. IEEE Transactions on Reliability, 2012, 61, 245-253.	3.5	61
32	Field-Failure Predictions Based on Failure-Time Data With Dynamic Covariate Information. Technometrics, 2013, 55, 135-149.	1.3	59
33	Big data and reliability applications: The complexity dimension. Journal of Quality Technology, 2018, 50, 135-149.	1.8	56
34	Estimating Fatigue Curves With the Random Fatigue-Limit Model. , 0, .		56
35	Application of Bayesian Methods in Reliability Data Analyses. Journal of Quality Technology, 2014, 46, 1-23.	1.8	55
36	Quantifying the vibrothermographic effect. NDT and E International, 2011, 44, 775-782.	1.7	54

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37	Asymptotically Optimum Over-Stress Tests to Estimate the Survival Probability at a Condition with a Low Expected Failure Probability. <i>Technometrics</i> , 1977, 19, 381-399.	1.3	53
38	Reliability: The Other Dimension of Quality. <i>Quality Technology and Quantitative Management</i> , 2004, 1, 1-25.	1.1	53
39	Accuracy of approx confidence bounds using censored Weibull regression data from accelerated life tests. <i>IEEE Transactions on Reliability</i> , 1990, 39, 346-351.	3.5	50
40	Statistical Prediction Based on Censored Life Data. <i>Technometrics</i> , 1999, 41, 113-124.	1.3	50
41	Comparisons of Approximate Confidence Interval Procedures for Type I Censored Data. <i>Technometrics</i> , 2000, 42, 135-148.	1.3	50
42	A Comparison of Accelerated Life Test Plans for Weibull and Lognormal Distributions and Type I Censoring. , 0, .		49
43	Assumptions for Statistical Inference. <i>American Statistician</i> , 1993, 47, 1.	0.9	48
44	Analysis of Environmental Data with Censored Observations. <i>Environmental Science &amp; Technology</i> , 1997, 31, 3358-3362.	4.6	46
45	Methods for Planning Repeated Measures Degradation Studies. <i>Technometrics</i> , 2013, 55, 122-134.	1.3	46
46	Planning Life Tests in Which Units Are Inspected for Failure. <i>IEEE Transactions on Reliability</i> , 1986, 35, 571-578.	3.5	45
47	Algorithm AS 292: Fisher Information Matrix for the Extreme Value, Normal and Logistic Distributions and Censored Data. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 1994, 43, 533.	0.5	44
48	Weibull Prediction Intervals for a Future Number of Failures. <i>Technometrics</i> , 2002, 44, 15-23.	1.3	44
49	Field-Failure and Warranty Prediction Based on Auxiliary Use-Rate Information. <i>Technometrics</i> , 2010, 52, 148-159.	1.3	44
50	Applications of Statistical Methods to Nondestructive Evaluation. <i>Technometrics</i> , 1996, 38, 95-112.	1.3	43
51	Limited Failure Population Life Tests: Application to Integrated Circuit Reliability. , 0, .		41
52	Optimum stepâ€stress accelerated life test plans for logâ€locationâ€scale distributions. <i>Naval Research Logistics</i> , 2008, 55, 551-562.	1.4	40
53	Analysis of Fatigue Data with Runouts Based on a Model with Nonconstant Standard Deviation and a Fatigue Limit Parameter. <i>Journal of Testing and Evaluation</i> , 1997, 25, 292-301.	0.4	39
54	Planning Accelerated Life Tests With Two or More Experimental Factors. , 0, .		39

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55	A failure-time model for infant-mortality and wearout failure modes. IEEE Transactions on Reliability, 1999, 48, 377-387.	3.5	34
56	An Accelerated Life Test Model Based on Reliability Kinetics. , 0, .		34
57	Detecting cracks in aircraft engine fan blades using vibrothermography nondestructive evaluation. Reliability Engineering and System Safety, 2014, 131, 229-235.	5.1	33
58	ACCELERATED DESTRUCTIVE DEGRADATION TESTS: DATA, MODELS, AND ANALYSIS. Series on Quality, Reliability and Engineering Statistics, 2003, , 319-337.	0.2	31
59	Methods for planning repeated measures accelerated degradation tests. Applied Stochastic Models in Business and Industry, 2014, 30, 658-671.	0.9	30
60	The Modified Sudden Death Test: Planning Life Tests with a Limited Number of Test Positions. Journal of Testing and Evaluation, 1998, 26, 434-443.	0.4	30
61	The Evaluation and Comparison of Experimental Designs for Fitting Regression Relationships. Journal of Quality Technology, 1976, 8, 140-157.	1.8	28
62	The Future of Industrial Statistics: A Panel Discussion. Technometrics, 2008, 50, 103-127.	1.3	28
63	Strategy for Planning Accelerated Life Tests With Small Sample Sizes. IEEE Transactions on Reliability, 2010, 59, 610-619.	3.5	27
64	Accuracy of approximate confidence bounds computed from interval censored weibull and lognormal data. Journal of Statistical Computation and Simulation, 1988, 29, 43-76.	0.7	26
65	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
66	Sample Size and Number of Failure Requirements for Demonstration Tests With Log-Location-Scale Distributions and Failure Censoring. Technometrics, 2005, 47, 182-190.	1.3	26
67	A Tool for Evaluating Time-Varying-Stress Accelerated Life Test Plans With Log-Location-Scale Distributions. IEEE Transactions on Reliability, 2010, 59, 620-627.	3.5	26
68	Statistical Prediction Based on Censored Life Data. , 0, .		25
69	Weibull Variances and Confidence Limits by Maximum Likelihood for Singly Censored Data. Technometrics, 1977, 19, 473-476.	1.3	23
70	Using Graphics and Simulation to Teach Statistical Concepts. American Statistician, 1996, 50, 342-351.	0.9	23
71	Comparisons of Approximate Confidence Interval Procedures for Type I Censored Data. , 0, .		23
72	Time Series Modeling of Degradation Due to Outdoor Weathering. Communications in Statistics - Theory and Methods, 2008, 37, 408-424.	0.6	22

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73	Accelerated Destructive Degradation Tests Robust to Distribution Misspecification. IEEE Transactions on Reliability, 2011, 60, 701-711.	3.5	22
74	Weibull Percentile Estimates and Confidence Limits from Singly Censored Data by Maximum Likelihood. IEEE Transactions on Reliability, 1976, R-25, 20-24.	3.5	21
75	CENSOR-A User-Oriented Computer Program for Life Data Analysis. American Statistician, 1981, 35, 112.	0.9	21
76	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.	0.5	21
77	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.	0.6	21
78	Applications of the Fractional-Random-Weight Bootstrap. American Statistician, 2020, 74, 345-358.	0.9	21
79	Linking Accelerated Laboratory Test with Outdoor Performance Results for a Model Epoxy Coating System. , 2009, , 3-28.		21
80	Bayesian Life Test Planning for Log-Location-Scale Family of Distributions. Journal of Quality Technology, 2015, 47, 336-350.	1.8	20
81	More Pitfalls of Accelerated Tests. Journal of Quality Technology, 2013, 45, 213-222.	1.8	19
82	Classification With the Matrix-Variate- $t$ Distribution. Journal of Computational and Graphical Statistics, 2020, 29, 668-674.	0.9	19
83	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.	0.6	18
84	Using Graphics and Simulation to Teach Statistical Concepts. American Statistician, 1996, 50, 342.	0.9	18
85	Block Bootstrap Estimation of the Distribution of Cumulative Outdoor Degradation. Technometrics, 2004, 46, 215-224.	1.3	18
86	Using Accelerated Tests to Predict Service Life in Highly Variable Environments. ACS Symposium Series, 2001, , 396-413.	0.5	17
87	Quantitative Multi-Inspection-Site Comparison of Probability of Detection for Vibrothermography Nondestructive Evaluation Data. Journal of Nondestructive Evaluation, 2011, 30, 172-178.	1.1	16
88	The Number of MCMC Draws Needed to Compute Bayesian Credible Bounds. American Statistician, 2016, 70, 275-284.	0.9	16
89	Applications of Statistical Methods to Nondestructive Evaluation. , 0, .		16
90	Pitfalls and Practical Considerations in Product Life Analysisâ€”Part I: Basic Concepts and Dangers of Extrapolation. Journal of Quality Technology, 1982, 14, 144-152.	1.8	15

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91	Joint Estimation of NDE Inspection Capability and Flaw-Size Distribution for In-Service Aircraft Inspections. <i>Research in Nondestructive Evaluation</i> , 2012, 23, 104-123.	0.5	15
92	Mixture Representations of Reliability in Coherent Systems and Preservation Results Under Double Monitoring. <i>Communications in Statistics - Theory and Methods</i> , 2013, 42, 385-397.	0.6	15
93	A Multi-Level Trend-Renewal Process for Modeling Systems With Recurrence Data. <i>Technometrics</i> , 2017, 59, 225-236.	1.3	15
94	Planning accelerated life tests with type II censored data. <i>Journal of Statistical Computation and Simulation</i> , 1986, 23, 273-297.	0.7	14
95	Parametric Simultaneous Confidence Bands for Cumulative Distributions From Censored Data. <i>Technometrics</i> , 2001, 43, 450-461.	1.3	14
96	Accelerated Life Test Models and Data Analysis. , 2006, , 397-426.		14
97	Analysis of Window-Observation Recurrence Data. <i>Technometrics</i> , 2008, 50, 128-143.	1.3	14
98	An Engineer's Guide to Books on Statistics and Data Analysis. <i>Journal of Quality Technology</i> , 1984, 16, 196-218.	1.8	13
99	Physical Model-Assisted Probability of Detection of Flaws in Titanium Forgings Using Ultrasonic Nondestructive Evaluation. <i>Technometrics</i> , 2014, 56, 78-91.	1.3	13
100	Understanding and Addressing the Unbounded "Likelihood" Problem. <i>American Statistician</i> , 2015, 69, 191-200.	0.9	13
101	Assessing Risk of a Serious Failure Mode Based on Limited Field Data. <i>IEEE Transactions on Reliability</i> , 2015, 64, 51-62.	3.5	13
102	A Statistical Model for Linking Field and Laboratory Exposure Results for a Model Coating. , 2009, , 29-43.		13
103	Seasonal warranty prediction based on recurrent event data. <i>Annals of Applied Statistics</i> , 2020, 14, .	0.5	13
104	The Relationship Between Confidence Intervals for Failure Probabilities and Life Time Quantiles. <i>IEEE Transactions on Reliability</i> , 2008, 57, 260-266.	3.5	12
105	Statistical methods for automatic crack detection based on vibrothermography sequence-of-images data. <i>Applied Stochastic Models in Business and Industry</i> , 2010, 26, 481-495.	0.9	12
106	A Comparison of Accelerated Test Plans to Estimate the Survival Probability at a Design Stress. <i>Technometrics</i> , 1978, 20, 245-247.	1.3	11
107	Avoiding Problems With Normal Approximation Confidence Intervals for Probabilities. <i>Technometrics</i> , 2008, 50, 64-68.	1.3	11
108	Estimating a Parametric Component Lifetime Distribution from a Collection of Superimposed Renewal Processes. <i>Technometrics</i> , 2017, 59, 202-214.	1.3	11

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109	Asymptotically Optimum Over-Stress Tests to Estimate the Survival Probability at a Condition with a Low Expected Failure Probability. , 0, .		11
110	Weibull Variances and Confidence Limits by Maximum Likelihood for Singly Censored Data. , 0, .		11
111	Methodology for Estimating Nondestructive Evaluation Capability. , 1996, , 1983-1990.		11
112	Confidence interval procedures for system reliability and applications to competing risks models. Lifetime Data Analysis, 2014, 20, 161-184.	0.4	10
113	A Hierarchical Model for Heterogenous Reliability Field Data. Technometrics, 2019, 61, 354-368.	1.3	10
114	A Computer Program for Evaluating and Comparing Experimental Designs and Some Applications. American Statistician, 1975, 29, 60.	0.9	9
115	Sample sizes for estimating the Weibull hazard function from censored samples. IEEE Transactions on Reliability, 1992, 41, 133-138.	3.5	9
116	Statistics Education Fin de Siecle. American Statistician, 1995, 49, 250.	0.9	9
117	A BAYESIAN ON-LINE CHANGE DETECTION ALGORITHM WITH PROCESS MONITORING APPLICATIONS. Quality Engineering, 1998, 10, 539-549.	0.7	9
118	Photodegradation modeling based on laboratory accelerated test data and predictions under outdoor weathering for polymeric materials. Annals of Applied Statistics, 2017, 11, .	0.5	9
119	Bayesian Methods for Planning Accelerated Repeated Measures Degradation Tests. Technometrics, 2021, 63, 90-99.	1.3	9
120	A Computer Program for Evaluating and Comparing Experimental Designs and Some Applications. American Statistician, 1975, 29, 60-64.	0.9	8
121	Prediction Intervals for the Ratios of Normal Distribution Sample Variances and Exponential Distribution Sample Means. Technometrics, 1980, 22, 357-366.	1.3	8
122	Evaluating the involvement of tryptophan on thiolated peptide-mercury(II) complexes: Cation-pi interactions. Inorganica Chimica Acta, 2020, 506, 119552.	1.2	8
123	Improved Methodology for Inspection Reliability Assessment for Detecting Synthetic Hard Alpha Inclusions in Titanium. , 1998, , 2061-2068.		8
124	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, .	0.7	8
125	Maximum Likelihood Methods for Fitting Parametric Statistical Models. Methods in Experimental Physics, 1994, , 211-244.	0.1	7
126	A Statistical Method for Crack Detection from Vibrothermography Inspection Data. Quality Technology and Quantitative Management, 2012, 9, 59-77.	1.1	7



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127	Maintenance and recurrent event analysis of circuit breaker data. International Journal of Quality and Reliability Management, 2012, 29, 560-575.	1.3	7
128	Two-sided tolerance intervals for members of the (log)-location-scale family of distributions. Quality Technology and Quantitative Management, 2018, 15, 374-392.	1.1	7
129	Trends in the Statistical Assessment of Reliability. , 2010, , 3-16.		7
130	A Comparison of Accelerated Test Plans to Estimate the Survival Probability at a Design Stress. , 0, .		7
131	Evaluating the Effect of Incorrect Specification of a Regression Model. Journal of Quality Technology, 1978, 10, 61-72.	1.8	6
132	Evaluating the Effect of Incorrect Specification of a Regression Model. Journal of Quality Technology, 1978, 10, 93-98.	1.8	6
133	Sample Sizes for Prediction Intervals. Journal of Quality Technology, 1982, 14, 201-206.	1.8	6
134	A transformer health assessment ranking method: Use of model based scoring expert system. , 2009, , .		6
135	Prediction of Future Failures for Heterogeneous Reliability Field Data. Technometrics, 2022, 64, 125-138.	1.3	6
136	A methodology for predicting probability of detection for ultrasonic testing. AIP Conference Proceedings, 2001, , .	0.3	5
137	Simultaneous confidence bands and regions for log-location-scale distributions with censored data. Journal of Statistical Planning and Inference, 2009, 139, 3231-3245.	0.4	5
138	Coverage probabilities of simultaneous confidence bands and regions for log-location-scale distributions. Statistics and Probability Letters, 2010, 80, 733-738.	0.4	5
139	A Statistical Framework for Improved Automatic Flaw Detection in Nondestructive Evaluation Images. Technometrics, 2017, 59, 247-261.	1.3	5
140	Integrated Decision Algorithms for Auto-steered Electric Transmission System Asset Management. Lecture Notes in Computer Science, 2007, , 1066-1073.	1.0	5
141	Improved Methodology for Predicting POD of Detecting Synthetic Hard Alpha Inclusions in Titanium. , 1997, , 2021-2028.		5
142	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.	0.5	5
143	Coverage probabilities of nonparametric simultaneous confidence bands for a survival function. Journal of Statistical Computation and Simulation, 1991, 38, 83-97.	0.7	4
144	A Bivariate Regression Model for Assessment of Multizone Ultrasonic POD. AIP Conference Proceedings, 2006, , .	0.3	4

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145	The Residual Lifetime of Surviving Components From Failed Coherent Systems. IEEE Transactions on Reliability, 2014, 63, 534-542.	3.5	4
146	Statistical Methods for Estimating the Minimum Thickness Along a Pipeline. Technometrics, 2015, 57, 164-179.	1.3	4
147	VibroSim: A hybrid computational/empirical model of vibrothermography nondestructive evaluation. AIP Conference Proceedings, 2016, , .	0.3	4
148	A Model for Field Failure Prediction Using Dynamic Environmental Data. , 2010, , 223-233.		4
149	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.	0.2	4
150	New Bias Evaluation Features of EXPLOR-A Program for Assessing Experimental Design Properties. American Statistician, 1977, 31, 95.	0.9	3
151	Using degradation models to assess pipeline life. Applied Stochastic Models in Business and Industry, 2019, 35, 1411-1430.	0.9	3
152	Predicting the Number of Future Events. Journal of the American Statistical Association, 2022, 117, 1296-1310.	1.8	3
153	Quantitative matching of forensic evidence fragments utilizing <sup>3D</sup> microscopy analysis of fracture surface replicas. Journal of Forensic Sciences, 2022, 67, 899-910.	0.9	3
154	New Developments in Statistical Computing: New Bias Evaluation Features of EXPLORâ€”A Program for Assessing Experimental Design Properties. American Statistician, 1977, 31, 95-96.	0.9	2
155	Pitfalls and Practical Considerations in Product Life Analysisâ€”Part II: Mixtures of Product Populations and More General Models. Journal of Quality Technology, 1982, 14, 177-185.	1.8	2
156	AN ANALYSIS OF FAILURE-TIME DISTRIBUTIONS FOR PRODUCT DESIGN OPTIMIZATION. Quality and Reliability Engineering International, 1996, 12, 429-438.	1.4	2
157	Statistical Tests for Signals in Categorical Temporal Data. Biometrical Journal, 1996, 38, 39-59.	0.6	2
158	Accelerated Life Tests: Concepts and Data Analysis. ACS Symposium Series, 1999, , 149-169.	0.5	2
159	Ultrasonic and statistical analyses of hard-alpha defects in titanium alloys. AIP Conference Proceedings, 2001, , .	0.3	2
160	Use of Sensitivity Analysis to Assess the Effect of Model Uncertainty in Analyzing Accelerated Life Test Data. , 0, , 135-162.		2
161	Sensitivity Analysis to Assess the Effects of Misses in the Estimation of POD from Field Inspection Data. AIP Conference Proceedings, 2007, , .	0.3	2
162	Assessing the POD of Hard-Alpha Inclusions from Field Data. AIP Conference Proceedings, 2007, , .	0.3	2

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163	Asymptotic properties of mean cumulative function estimators from window-observation recurrence data. <i>Journal of Statistical Planning and Inference</i> , 2012, 142, 2943-2952.	0.4	2
164	Statistical Assessment of Probability of Detection for Automated Eddy Current Nondestructive Evaluation Inspection. <i>Research in Nondestructive Evaluation</i> , 2013, 24, 89-104.	0.5	2
165	Product Component Genealogy Modeling and Field Failure Prediction. <i>Quality and Reliability Engineering International</i> , 2017, 33, 135-148.	1.4	2
166	Quantile POD for nondestructive evaluation with hit-miss data. <i>Research in Nondestructive Evaluation</i> , 2019, 30, 89-111.	0.5	2
167	Probabilistic Approach to Integrating Thermal Effects in Camber and Stress Analyses of Concrete Beams. <i>Journal of Bridge Engineering</i> , 2020, 25, 04020010.	1.4	2
168	Prediction Intervals for the Ratios of Normal Distribution Sample Variances and Exponential Distribution Sample Means. , 0, .		2
169	Use of Truncated Regression Methods to Estimate the Shelf Life of a Product from Incomplete Historical Data. , 0, , 269-291.		1
170	Discussion of "Opportunities and Issues in Multiple Data Type Meta-Analyses". <i>Quality Engineering</i> , 2009, 21, 256-259.	0.7	1
171	The importance of identifying different components of a mixture distribution in the prediction of field returns. <i>Applied Stochastic Models in Business and Industry</i> , 2011, 27, 280-289.	0.9	1
172	A simulation study on the confidence interval procedures of some mean cumulative function estimators. <i>Journal of Statistical Computation and Simulation</i> , 2013, 83, 1868-1889.	0.7	1
173	Bayesian planning of hit-miss inspection tests. , 2014, , .		1
174	Rejoinder: Methods for planning repeated measures accelerated degradation tests. <i>Applied Stochastic Models in Business and Industry</i> , 2014, 30, 686-690.	0.9	1
175	A general algorithm for computing simultaneous prediction intervals for the (log)-location-scale family of distributions. <i>Journal of Statistical Computation and Simulation</i> , 2017, 87, 1559-1576.	0.7	1
176	Model-assisted probability of detection of flaws in aluminum blocks using polynomial chaos expansions. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	1
177	Is reliability a new science? A paper from the panel session held at the 10th International Conference on Mathematical Methods in Reliability. <i>Applied Stochastic Models in Business and Industry</i> , 2019, 35, 260-269.	0.9	1
178	Comments on "Virtual age, is it real? (Discussing virtual age in reliability context)" by M. Finkelstein and J. H. Cha. <i>Applied Stochastic Models in Business and Industry</i> , 2021, 37, 32-34.	0.9	1
179	Constructing Prediction Intervals Using the Likelihood Ratio Statistic. <i>INFORMS Journal on Data Science</i> , 0, , .	0.7	1
180	TSERIES-A User-Oriented Computer Program for Time Series Analysis. <i>American Statistician</i> , 1978, 32, 111.	0.9	0

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181	[Applications of Statistical Methods to Nondestructive Evaluation]: Reply. Technometrics, 1996, 38, 128.	1.3	0
182	A Statistical Model to Adjust for Flaw-Size Bias in the Computation of Probability of Detection. AIP Conference Proceedings, 2006, , .	0.3	0
183	Assessment of Components of Variance in NDE Data. AIP Conference Proceedings, 2007, , .	0.3	0
184	An Algorithm for Screening Sonic IR Movies. AIP Conference Proceedings, 2007, , .	0.3	0
185	DETECTING CRACKS IN FAN BLADES USING SONIC IR. AIP Conference Proceedings, 2008, , .	0.3	0
186	“Statistical methods for automatic crack detection based on vibrothermography sequence-of-images data” by M. Li, S. D. Holland and W. Q. Meeker: Rejoinder. Applied Stochastic Models in Business and Industry, 2010, 26, 509-512.	0.9	0
187	Quantile POD for hit-miss data. , 2014, , .		0
188	A Peek into the Future. , 2021, , 173-190.		0
189	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