

Necip Doganaksoy

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

607
citations

1040056

9
h-index

610901

24
g-index

37
all docs

37
docs citations

37
times ranked

349
citing authors

#	ARTICLE	IF	CITATIONS
1	THE EVOLUTION OF SIX SIGMA. Quality Engineering, 2000, 12, 317-326.	1.1	185
2	Joint Optimization of Mean and Standard Deviation Using Response Surface Methods. Journal of Quality Technology, 2003, 35, 239-252.	2.5	106
3	Identification of out of control quality characteristics in a multivariate manufacturing environment. Communications in Statistics - Theory and Methods, 1991, 20, 2775-2790.	1.0	102
4	Comparisons of Approximate Confidence Intervals for Distributions Used in Life-Data Analysis. Technometrics, 1993, 35, 175-184.	1.9	40
5	The Future of Industrial Statistics: A Panel Discussion. Technometrics, 2008, 50, 103-127.	1.9	28
6	A Useful Property of Best Linear Unbiased Predictors with Applications to Life-Testing. American Statistician, 1997, 51, 22-28.	1.6	18
7	Statistical Considerations in Microanalysis by Energy-Dispersive Spectrometry. Microscopy and Microanalysis, 1998, 4, 598-604.	0.4	17
8	Batch Variability in Accelerated-Degradation Testing. Journal of Quality Technology, 2014, 46, 171-180.	2.5	13
9	Statistics to Facilitate Innovation*: A Panel Discussion. Quality Engineering, 2012, 24, 2-19.	1.1	11
10	A method to compare two samples of recurrence data. , 1998, 4, 51-63.		10
11	SAMPLE SIZE CONSIDERATIONS FOR ASSESSING THE EQUIVALENCE OF TWO PROCESS MEANS. Quality Engineering, 1999, 12, 105-110.	1.1	7
12	Practical Aspects of Corrected Likelihood Ratio Confidence Intervals: A Discussion of Jeng and Meeker and Wong and Wu. Technometrics, 2000, 42, 156-159.	1.9	7
13	ASSESSMENT OF IMPACT OF MEASUREMENT VARIABILITY IN THE PRESENCE OF MULTIPLE SOURCES OF PRODUCT VARIABILITY. Quality Engineering, 2001, 13, 83-89.	1.1	6
14	Gaining Physical Insights from Degradation Data. Journal of Quality Technology, 2013, 45, 188-199.	2.5	6
15	Comparisons of approximate confidence intervals for the smallest extreme value distribution simple linear regression model under time censoring. Communications in Statistics Part B: Simulation and Computation, 1991, 20, 1085-1113.	1.2	5
16	Statistical intervals, not statistical significance. Significance, 2019, 16, 20-22.	0.4	5
17	Moving from Every-Lot Inspection to Audit Sampling. Journal of Quality Technology, 1994, 26, 261-273.	2.5	4
18	Process Monitoring with Multiple Product Grades. Journal of Quality Technology, 1996, 28, 346-355.	2.5	4

#	ARTICLE	IF	CITATIONS
19	Getting the Right Data Up Front: A Key Challenge. Quality Engineering, 2012, 24, 446-459.	1.1	4
20	Evaluating the Potential Impact of Blending on Product Consistency. Journal of Quality Technology, 1996, 28, 51-60.	2.5	3
21	PROCESS MONITORING WITH MULTIPLE PRODUCTS AND PRODUCTION LINES. Quality Engineering, 1997, 9, 689-702.	1.1	3
22	Improving a Manufacturing Process Using Data-Based Methods. Quality and Reliability Engineering International, 2014, 30, 427-435.	2.3	3
23	A Simplified Formulation of Likelihood Ratio Confidence Intervals Using a Novel Property. Technometrics, 2021, 63, 127-135.	1.9	3
24	Orthogonal parameters with censored data. Communications in Statistics - Theory and Methods, 1993, 22, 669-685.	1.0	2
25	Change point detection and issue localization based on fleet-wide fault data. Journal of Quality Technology, 2022, 54, 453-465.	2.5	2
26	Data Mining: A Gateway to Better Data Gathering. Statistical Analysis and Data Mining, 2009, 1, 280-283.	2.8	1
27	Efficient Gradient-Based Optimization of Process Capability with Multiple, Potentially Nonnormal Outputs. Communications in Statistics Part B: Simulation and Computation, 2010, 39, 807-827.	1.2	1
28	An Application of the Linear Errors-in-Variables Model in Semiconductor Device Performance Assessment. Quality Engineering, 2015, 27, 500-511.	1.1	1
29	Ch. 26. Life-test planning for preliminary screening of materials: A case study. Handbook of Statistics, 2001, , 679-692.	0.6	0
30	Ch. 27. Analysis of reliability data from in-house audit laboratory testing. Handbook of Statistics, 2001, 20, 693-705.	0.6	0
31	Discussion: Fisher's Nair paper. Applied Stochastic Models in Business and Industry, 2009, 25, 29-32.	1.5	0
32	A Conversation with Gerry Hahn. Quality Engineering, 2009, 21, 135-142.	1.1	0
33	Discussion: Statistics Research in Business and Industry - The General Electric Experience. International Statistical Review, 2012, 80, 219-230.	1.9	0
34	A mixture model for determination of root cause frequency: Proposed solution to the open challenge. Quality Engineering, 2019, 31, 354-359.	1.1	0