Haim Shore

List of Publications by Year
in descending order

67 papers	599 citations	759233 12 h-index	752698 20 g-index
72 all docs	72 docs citations	72 times ranked	224 citing authors

#	Article	IF	Citations
1	Estimating operating room utilisation rate for differently distributed surgery times. International Journal of Production Research, 2023, 61, 447-461.	7.5	3
2	SPC scheme to monitor surgery duration. Quality and Reliability Engineering International, 2021, 37, 1561-1577.	2.3	4
3	An explanatory bi-variate model for surgery-duration and its empirical validation. Communications in Statistics Case Studies Data Analysis and Applications, 2020, 6, 142-166.	0.3	6
4	Modeling fetal-growth biometry with Response Modeling Methodology (RMM) and comparison to current models. Communications in Statistics Part B: Simulation and Computation, 2018, 47, 129-142.	1.2	0
5	SPC scheme to monitor linear predictors embedded in nonlinear profiles. Quality and Reliability Engineering International, 2016, 32, 1453-1466.	2.3	0
6	A General Model of Random Variation. Communications in Statistics - Theory and Methods, 2015, 44, 1819-1841.	1.0	2
7	Customized Fetal Growth Modeling and Monitoring—A Statistical Process Control Approach. Quality Engineering, 2014, 26, 290-310.	1.1	3
8	Modeling and Monitoring Ecological Systems—A Statistical Process Control Approach. Quality and Reliability Engineering International, 2014, 30, 1233-1248.	2.3	7
9	Estimating Response Modeling Methodology models. Wiley Interdisciplinary Reviews: Computational Statistics, 2012, 4, 323-333.	3.9	6
10	Response modeling methodology. Wiley Interdisciplinary Reviews: Computational Statistics, 2011, 3, 357-372.	3.9	8
11	Modeling Temperature-Dependent Properties of Oxygen, Argon, and Nitrogen via Response Modeling Methodology (RMM) and Comparison with Acceptable Models. Industrial & Engineering Chemistry Research, 2010, 49, 9469-9485.	3.7	3
12	Statistical Comparison of the Goodness of Fit Delivered by Five Families of Distributions Used in Distribution Fitting. Communications in Statistics - Theory and Methods, 2010, 39, 1707-1728.	1.0	8
13	Distribution Fitting with the Quantile Function of Response Modeling Methodology (RMM). , 2010, , 537-556.		3
14	Comparison of linear predictors obtained by data transformation, generalized linear models (GLM) and response modeling methodology (RMM). Quality and Reliability Engineering International, 2008, 24, 389-399.	2.3	2
15	Predicting Temperature-Dependent Properties by Correlations Based on Similarities of Molecular Structures: Application to Liquid Density. Industrial & Engineering Chemistry Research, 2008, 47, 4496-4504.	3.7	7
16	Distribution Fitting with Response Modeling Methodology (RMM) — Some Recent Results. American Journal of Mathematical and Management Sciences, 2008, 28, 3-18.	0.9	1
17	Forecasting S-shaped diffusion processes via response modelling methodology. Journal of the Operational Research Society, 2007, 58, 720-728.	3.4	9
18	Comparison of Generalized Lambda Distribution (GLD) and Response Modeling Methodology (RMM) as General Platforms for Distribution Fitting. Communications in Statistics - Theory and Methods, 2007, 36, 2805-2819.	1.0	6

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19	Modeling Temperature-Dependent Properties of Water via Response Modeling Methodology (RMM) and Comparison with Acceptable Models. Industrial & Engineering Chemistry Research, 2007, 46, 3446-3463.	3.7	8
20	A new procedure to identify linear and quadratic regression models based on signal-to-noise-ratio indicators. Mathematical and Computer Modelling, 2007, 46, 235-250.	2.0	1
21	Profit Maximizing Warranty Period with Sales Expressed by a Demand Function. Quality and Reliability Engineering International, 2007, 23, 291-301.	2.3	35
22	Control charts for the queue length in a G/G/S system. IIE Transactions, 2006, 38, 1117-1130.	2.1	14
23	Response modeling methodology (RMM)â€"maximum likelihood estimation procedures. Computational Statistics and Data Analysis, 2005, 49, 1148-1172.	1.2	4
24	Accurate RMM-Based Approximations for the CDF of the Normal Distribution. Communications in Statistics - Theory and Methods, 2005, 34, 507-513.	1.0	13
25	Response Modeling Methodology Validating Evidence from Engineering and the Sciences. Quality and Reliability Engineering International, 2004, 20, 61-79.	2.3	6
26	Non-normal Populations in Quality Applications: a Revisited Perspective. Quality and Reliability Engineering International, 2004, 20, 375-382.	2.3	12
27	Determining measurement error requirements to satisfy statistical process control performance requirements. IIE Transactions, 2004, 36, 881-890.	2.1	12
28	A general solution for the newsboy model with random order size and possibly a cutoff transaction size. Journal of the Operational Research Society, 2004, 55, 1218-1228.	3.4	10
29	Optimal Warranty Period when Sale-Price Increases with the Lower Specification Limit. , 2004, , 335-345.		7
30	Response modeling methodology (RMM)â€"a new approach to model a chemo-response for a monotone convex/concave relationship. Computers and Chemical Engineering, 2003, 27, 715-726.	3.8	6
31	Product Robust Design and Process Robust Design: Are They the Same? (No.). Quality Engineering, 2003, 16, 193-207.	1.1	7
32	Inverse Normalizing Transformations and An Extended Normalizing Transformation. , 2003, , 131-145.		1
33	RESPONSE MODELING METHODOLOGY (RMM)â€"EXPLORING THE PROPERTIES OF THE IMPLIED ERROR DISTRIBUTION. Communications in Statistics - Theory and Methods, 2002, 31, 2225-2249.	1.0	6
34	Modeling Physical and Thermodynamic Properties via Inverse Normalizing Transformations. Industrial & Engineering Chemistry Research, 2002, 41, 651-656.	3.7	8
35	Modeling a Response with Self-Generated and Externally Generated Sources of Variation. Quality Engineering, 2002, 14, 563-578.	1.1	7
36	General control charts for variables. International Journal of Production Research, 2001, 39, 2063-2064.	7.5	0

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37	Modelling a non-normal response for quality improvement. International Journal of Production Research, 2001, 39, 4049-4063.	7.5	7
38	Process Control for Non-Normal Populations Based on an Inverse Normalizing Transformation. , 2001, , 194-206.		5
39	General control charts for attributes. IIE Transactions, 2000, 32, 1149-1160.	2.1	18
40	General control charts for attributes. IIE Transactions, 2000, 32, 1149-1160.	2.1	12
41	General control charts for variables. International Journal of Production Research, 2000, 38, 1875-1897.	7.5	22
42	THREE APPROACHES TO ANALYZE QUALITY DATA ORIGINATING IN NON-NORMAL POPULATIONS. Quality Engineering, 2000, 13, 277-291.	1.1	5
43	Optimal solutions for stochastic inventory models when the lead-time demand distribution is partially specified. International Journal of Production Economics, 1999, 59, 477-485.	8.9	10
44	A general solution of the preventive maintenanceproblem when data are rightâ€censored. Annals of Operations Research, 1999, 91, 251-261.	4.1	2
45	A new approach to analysing non-normal quality data with application to process capability analysis. International Journal of Production Research, 1998, 36, 1917-1933.	7.5	33
46	Approximating an unknown distribution when distribution information is extremely limited. Communications in Statistics Part B: Simulation and Computation, 1998, 27, 501-523.	1.2	7
47	SOLUTION PROCEDURES WITH LIMITED SAMPLE DATA FOR THE OPTIMAL REPLACEMENT PROBLEM. Production and Operations Management, 1998, 7, 417-422.	3.8	3
48	Enhancement for two commonly-used approximations for the inverse cumulative function of the normal distribution. Communications in Statistics Part B: Simulation and Computation, 1997, 26, 1041-1047.	1.2	2
49	PROCESS CAPABILITY ANALYSIS WHEN DATA ARE AUTOCORRELATED. Quality Engineering, 1997, 9, 615-626.	1.1	36
50	A general formula for the failure-rate function when distribution information is partially specified. IEEE Transactions on Reliability, 1997, 46, 116-121.	4.6	6
51	On Using the Generalized Î²-Type Distribution. Journal of the Operational Research Society, 1996, 47, 1425-1427.	3.4	0
52	A new estimate of skewness with mean-squared error smaller than that of the sample skewness. Communications in Statistics Part B: Simulation and Computation, 1996, 25, 403-414.	1.2	9
53	OPTIMUM SCHEDULE FOR PREVENTIVE MAINTENANCE: A GENERAL SOLUTION FOR A PARTIALLY SPECIFIED TIMEâ€TOâ€FAILURE DISTRIBUTION. Production and Operations Management, 1996, 5, 148-162.	3.8	8
54	Fitting a distribution by the first two moments (partial and complete). Computational Statistics and Data Analysis, 1995, 19, 563-577.	1.2	22

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55	Setting safety lead-times for purchased components in assembly systems: a general solution procedure. IIE Transactions, 1995, 27, 638-645.	2.1	26
56	Identifying a Two-Parameter Distribution by the First two Sample Moment (Partial and Complete). Journal of Statistical Computation and Simulation, 1995, 52, 17-32.	1.2	7
57	An Approximation for the Error of the Normal Approximation to a Linear Combination of Independently Distributed Random Variables. IIE Transactions, 1988, 20, 242-426.	2.1	0
58	Simple Approximations for the GI/G/c Queue-II: The Moments, the Inverse Distribution Function and the Loss Function of the Number in the System and of the Queue Delay. Journal of the Operational Research Society, 1988, 39, 381-391.	3.4	9
59	Simple Approximations for the GI/G/c Queue—I: The Steady-State Probabilities. Journal of the Operational Research Society, 1988, 39, 279-284.	3.4	9
60	Simple General Approximations for a Random Variable and its Inverse Distribution Function Based on Linear Transformations of a Nonskewed Variate. SIAM Journal on Scientific and Statistical Computing, 1986, 7, 1-23.	1.5	20
61	General Approximate Solutions for some Common Inventory Models. Journal of the Operational Research Society, 1986, 37, 619-629.	3.4	24
62	An approximation for the inverse distribution function of a combination of random variables, with an application to operating theatres â€. Journal of Statistical Computation and Simulation, 1986, 23, 157-181.	1.2	3
63	Approximate Closed Form Expressions for the Decision Variables of Some Tests Related to the Binomial Distribution. Journal of the Royal Statistical Society: Series D (the Statistician), 1986, 35, 471.	0.2	4
64	General Approximate Solutions for some Common Inventory Models. Journal of the Operational Research Society, 1986, 37, 619.	3.4	0
65	Summer Time and Electricity Conservation: The Israeli Case. Energy Journal, 1984, 5, 53-70.	1.7	1
66	Genesis, Wellhausen and the Computer. Zeitschrift Fur Die Alttestamentliche Wissenschaft, 1982, 94, .	0.1	3
67	Simple Approximations for the Inverse Cumulative Function, the Density Function and the Loss Integral of the Normal Distribution. Journal of the Royal Statistical Society Series C: Applied Statistics, 1982, 31, 108.	1.0	27