Muhammad Riaz

List of Publications by Year
in descending order

231	5,019	109321	182427
papers	citations	35 h-index	51 g-index

231	231	231	927
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An efficient nonparametric double progressive mean chart for monitoring of the process location. Communications in Statistics Part B: Simulation and Computation, 2023, 52, 2578-2591.	1.2	9
2	Hotelling T² control chart based on bivariate ranked set schemes. Communications in Statistics Part B: Simulation and Computation, 2022, 51, 1-28.	1.2	11
3	On designing a new control chart for Rayleigh distributed processes with an application to monitor glass fiber strength. Communications in Statistics Part B: Simulation and Computation, 2022, 51, 3168-3184.	1.2	11
4	Adaptive CUSUM Location Control Charts Based on Score Functions: An Application in Semiconductor Wafer Field. Arabian Journal for Science and Engineering, 2022, 47, 3725-3749.	3.0	5
5	An enhanced double homogeneously weighted moving average control chart to monitor process location with application in automobile field. Quality and Reliability Engineering International, 2022, 38, 174-194.	2.3	17
6	A new approach to design median control charts for location monitoring. Communications in Statistics Part B: Simulation and Computation, 2022, 51, 3553-3577.	1.2	8
7	On designing efficient sequential schemes to monitor nonâ€normal processes. Quality and Reliability Engineering International, 2022, 38, 615-634.	2.3	5
8	Exact computational methods for univariate and multivariate control charts under runs rules. Computers and Industrial Engineering, 2022, 163, 107821.	6.3	5
9	On Enhanced GLM-Based Monitoring: An Application to Additive Manufacturing Process. Symmetry, 2022, 14, 122.	2.2	15
10	Non-parametric progressive signed-rank control chart for monitoring the process location. Journal of Statistical Computation and Simulation, 2022, 92, 2596-2622.	1.2	6
11	Adaptive Memory Control Charts Constructed on Generalized Likelihood Ratio Test to Monitor Process Location. Arabian Journal for Science and Engineering, 2022, 47, 15049-15081.	3.0	1
12	Mean control chart based on ranked set schemes for unknown skewed probability distribution and parameters. Concurrency Computation Practice and Experience, 2022, 34, .	2.2	1
13	On Reassessment of the HWMA Chart for Process Monitoring. Processes, 2022, 10, 1129.	2.8	10
14	An Adaptive EWMA Control Chart Based on Principal Component Method to Monitor Process Mean Vector. Mathematics, 2022, 10, 2025.	2.2	3
15	An enhanced approach for the progressive mean control charts: A discussion and comparative analysis. Quality and Reliability Engineering International, 2021, 37, 1-9.	2.3	6
16	On Designing a Progressive EWMA Structure for an Efficient Monitoring of Silicate Enactment in Hard Bake Processes. Arabian Journal for Science and Engineering, 2021, 46, 1743-1760.	3.0	11
17	Nonparametric progressive sign chart for monitoring process location based on individual data. Quality Technology and Quantitative Management, 2021, 18, 225-247.	1.9	16
18	A nonâ€parametric double homogeneously weighted moving average control chart under sign statistic. Quality and Reliability Engineering International, 2021, 37, 1544-1560.	2.3	19

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19	A mixed cumulative sum homogeneously weighted moving average control chart for monitoring process mean. Quality and Reliability Engineering International, 2021, 37, 1758-1771.	2.3	11
20	On increasing the sensitivity of moving average control chart using auxiliary variable. Quality and Reliability Engineering International, 2021, 37, 1198-1209.	2.3	6
21	A mixed HWMAâ€CUSUM mean chart with an application to manufacturing process. Quality and Reliability Engineering International, 2021, 37, 618-631.	2.3	30
22	One-Sided and Two One-Sided Multivariate Homogeneously Weighted Moving Charts for Monitoring Process Mean. IEEE Access, 2021, 9, 80388-80404.	4.2	3
23	Inverse Maxwell Distribution and Statistical Process Control: An Efficient Approach for Monitoring Positively Skewed Process. Symmetry, 2021, 13, 189.	2.2	11
24	Generalized Hotelling T² control chart based on bivariate ranked set techniques with runs rules. Transactions of the Institute of Measurement and Control, 2021, 43, 2180-2195.	1.7	3
25	On the Development of Triple Homogeneously Weighted Moving Average Control Chart. Symmetry, 2021, 13, 360.	2.2	16
26	IQR CUSUM charts: An efficient approach for monitoring variations in aquatic toxicity. Journal of Chemometrics, 2021, 35, e3336.	1.3	7
27	On correct expression of variance of double progressive mean statistic for monitoring Poisson observations. Quality and Reliability Engineering International, 2021, 37, 2325-2328.	2.3	3
28	A robust multivariate Shewhart chart for contaminated normal environments. Quality and Reliability Engineering International, 2021, 37, 2665-2684.	2.3	1
29	Advanced multivariate cumulative sum control charts based on principal component method with application. Quality and Reliability Engineering International, 2021, 37, 2760-2789.	2.3	5
30	On developing sensitive nonparametric mixed control charts with application to manufacturing industry. Quality and Reliability Engineering International, 2021, 37, 2699-2723.	2.3	13
31	Corrigendum to â€œShewhart-Type Charts for Masked Data: A Strategy for Handling the Privacy Issueâ€• Mathematical Problems in Engineering, 2021, 2021, 1-1.	1.1	0
32	On the multivariate progressive control chart for effective monitoring of covariance matrix. Quality and Reliability Engineering International, 2021, 37, 2724-2737.	2.3	7
33	Mixed memory control chart based on auxiliary information for simultaneously monitoring of process parameters: An application in glass field. Computers and Industrial Engineering, 2021, 156, 107284.	6.3	29
34	Increasing the efficiency of double moving average chart using auxiliary variable. Journal of Statistical Computation and Simulation, 2021, 91, 2880-2898.	1.2	5
35	On Designing Mixed Nonparametric Control Chart for Monitoring the Manufacturing Processes. Arabian Journal for Science and Engineering, 2021, 46, 12117-12136.	3.0	8
36	On the Development of EWMA Control Chart for Inverse Maxwell Distribution. Journal of Testing and Evaluation, 2021, 49, 1086-1103.	0.7	2

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37	On designing a new VEWMA control chart for efficient process monitoring. Computers and Industrial Engineering, 2021, 162, 107751.	6.3	5
38	Robust Multivariate Shewhart Control Chart Based on the Stahel-Donoho Robust Estimator and Mahalanobis Distance for Multivariate Outlier Detection. Mathematics, 2021, 9, 2772.	2.2	1
39	An effective approach to linear calibration estimation with its applications. Communications in Statistics - Theory and Methods, 2020, 49, 5154-5174.	1.0	2
40	On Designing a New Bayesian Dispersion Chart for Process Monitoring. Arabian Journal for Science and Engineering, 2020, 45, 2093-2111.	3.0	10
41	A robust S 2 control chart with Tukey's and MAD outlier detectors. Quality and Reliability Engineering International, 2020, 36, 403-413.	2.3	8
42	On designing an assorted control charting approach to monitor process dispersion: an application to hard-bake process. Journal of Taibah University for Science, 2020, 14, 65-76.	2.5	2
43	On designing an efficient control chart to monitor fraction nonconforming. Quality and Reliability Engineering International, 2020, 36, 547-564.	2.3	23
44	A modified-mxEWMA location chart for the improved process monitoring using auxiliary information and its application in wood industry. Quality Technology and Quantitative Management, 2020, 17, 561-579.	1.9	21
45	Improved linear profiling methods under classical and Bayesian setups: An application to chemical gas sensors. Chemometrics and Intelligent Laboratory Systems, 2020, 196, 103908.	3.5	24
46	On Designing Non-Parametric EWMA Sign Chart under Ranked Set Sampling Scheme with Application to Industrial Process. Mathematics, 2020, 8, 1497.	2.2	18
47	Shewhart-Type Charts for Masked Data: A Strategy for Handling the Privacy Issue. Mathematical Problems in Engineering, 2020, 2020, 1-11.	1.1	4
48	Multivariate cumulative sum control chart and measure of process capability based on bivariate ranked set schemes. Computers and Industrial Engineering, 2020, 150, 106891.	6.3	9
49	On developing an exponentially weighted moving average chart under progressive setup: An efficient approach to manufacturing processes. Quality and Reliability Engineering International, 2020, 36, 2569-2591.	2.3	22
50	On the Efficient Monitoring of Multivariate Processes with Unknown Parameters. Mathematics, 2020, 8, 823.	2.2	13
51	A New HWMA Dispersion Control Chart with an Application to Wind Farm Data. Mathematics, 2020, 8, 2136.	2.2	18
52	On best linear and Bayesian linear predictor in calibration. Communications in Statistics - Theory and Methods, 2020, , 1-25.	1.0	1
53	On mixed memory control charts based on auxiliary information for efficient process monitoring. Quality and Reliability Engineering International, 2020, 36, 1949-1968.	2.3	22
54	On Phase-I Monitoring of Process Location Parameter with Auxiliary Information-Based Median Control Charts. Mathematics, 2020, 8, 706.	2.2	4

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55	Performance evaluation of moving average-based EWMA chart for exponentially distributed process. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers,Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 2020, 43, 365-372.	1.1	5
56	Cumulative Sum Chart Modeled under the Presence of Outliers. Mathematics, 2020, 8, 269.	2.2	16
57	Outliers Detection Models in Shewhart Control Charts; an Application in Photolithography: A Semiconductor Manufacturing Industry. Mathematics, 2020, 8, 857.	2.2	12
58	Enhanced nonparametric control charts under simple and ranked set sampling schemes. Transactions of the Institute of Measurement and Control, 2020, 42, 2744-2759.	1.7	24
59	New efficient exponentially weighted moving average variability charts based on auxiliary information. Quality and Reliability Engineering International, 2020, 36, 2203-2224.	2.3	10
60	An Improved Control Chart for Monitoring Linear Profiles and its Application in Thermal Conductivity. IEEE Access, 2020, 8, 120679-120693.	4.2	15
61	A double homogeneously weighted moving average control chart for monitoring of the process mean. Quality and Reliability Engineering International, 2020, 36, 1513-1527.	2.3	38
62	On designing a sequential based EWMA structure for efficient process monitoring. Journal of Taibah University for Science, 2020, 14, 177-191.	2.5	6
63	An improved process monitoring by mixed multivariate memory control charts: An application in wind turbine field. Computers and Industrial Engineering, 2020, 142, 106343.	6.3	34
64	Generalized skewness correction structure of Xl„ control chart for unknown process parameters and skewed probability distributions. Journal of Statistical Computation and Simulation, 2020, 90, 1349-1372.	1.2	5
65	On a class of mixed EWMAâ€CUSUM median control charts for process monitoring. Quality and Reliability Engineering International, 2020, 36, 910-946.	2.3	13
66	On designing a progressive mean chart for efficient monitoring of process location. Quality and Reliability Engineering International, 2020, 36, 1716-1730.	2.3	20
67	On handling inertia problem of memory charts using break approach. Quality and Reliability Engineering International, 2020, 36, 1708-1715.	2.3	2
68	On enhanced estimation of population variance using unconventional measures of an auxiliary variable. Journal of Statistical Computation and Simulation, 2020, 90, 2180-2197.	1.2	3
69	A Comparative Analysis of Robust Dispersion Control Charts with Application Related to Health Care Data. Journal of Testing and Evaluation, 2020, 48, 247-259.	0.7	5
70	New Dual Auxiliary Information-Based EWMA Control Chart with an Application in Physicochemical Parameters of Ground Water. Iranian Journal of Science and Technology, Transaction A: Science, 2019, 43, 1171-1190.	1.5	15
71	An Efficient Phase I Analysis of Linear Profiles with Application in Photo-Voltaic System. Arabian Journal for Science and Engineering, 2019, 44, 2699-2716.	3.0	18
72	Robust adaptive exponentially weighted moving average control charts with applications of manufacturing processes. International Journal of Advanced Manufacturing Technology, 2019, 105, 733-748.	3.0	13

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73	Multivariate Mixed EWMA-CUSUM Control Chart for Monitoring the Process Variance-Covariance Matrix. IEEE Access, 2019, 7, 100174-100186.	4.2	14
74	On improved dispersion control charts under ranked set schemes for normal and nonâ€normal processes. Quality and Reliability Engineering International, 2019, 35, 1313-1341.	2.3	11
75	An Assorted Design for Joint Monitoring of Process Parameters: An Efficient Approach for Fuel Consumption. IEEE Access, 2019, 7, 104864-104875.	4.2	2
76	Potential uses of LFâ€NMR and MRI in the study of water dynamics and quality measurement of fruits and vegetables. Journal of Food Processing and Preservation, 2019, 43, e14202.	2.0	32
77	Efficient Phase II Monitoring Methods for Linear Profiles Under the Random Effect Model. IEEE Access, 2019, 7, 148278-148296.	4.2	14
78	Assorted control charts: An efficient statistical approach to monitor pH values in ecotoxicology lab. Journal of Chemometrics, 2019, 33, e3129.	1.3	10
79	Generalized Performance Measures of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mrow><mml:mover accent="true"><mml:mrow><mml:mi>X</mml:mi></mml:mrow><mml:mo>-</mml:mo></mml:mover></mml:mrow></mml:math> Control Charts Based on Different Sampling Schemes. Journal of Probability and Statistics, 2019, 2019, 1-11.	0.7	2
80	An adaptive EWMA chart with CUSUM accumulate error-based shift estimator for efficient process dispersion monitoring. Computers and Industrial Engineering, 2019, 135, 236-253.	6.3	15
81	On improved monitoring of linear profiles under modified successive sampling. Quality and Reliability Engineering International, 2019, 35, 2202-2227.	2.3	17
82	A new auxiliary information based cumulative sum median control chart for location monitoring. Frontiers of Information Technology and Electronic Engineering, 2019, 20, 554-570.	2.6	11
83	An adaptive approach to EWMA dispersion chart using Huber and Tukey functions. Quality and Reliability Engineering International, 2019, 35, 1542-1581.	2.3	25
84	An enhanced nonparametric EWMA sign control chart using sequential mechanism. PLoS ONE, 2019, 14, e0225330.	2.5	9
85	An enhanced approach for the progressive mean control charts. Quality and Reliability Engineering International, 2019, 35, 1046-1060.	2.3	31
86	On efficient construction and evaluation of runs rulesâ€“based control chart for known and unknown parameters under different distributions. Quality and Reliability Engineering International, 2019, 35, 582-599.	2.3	12
87	On auxiliary information-based control charts for autocorrelated processes with application in manufacturing industry. International Journal of Advanced Manufacturing Technology, 2019, 100, 1965-1980.	3.0	17
88	Phase II monitoring of linear profiles with random explanatory variable under Bayesian framework. Computers and Industrial Engineering, 2019, 127, 1115-1129.	6.3	18
89	On designing Maxwell CUSUM control chart: an efficient way to monitor failure rates in boring processes. International Journal of Advanced Manufacturing Technology, 2019, 100, 1923-1930.	3.0	24
90	A Bayesian way of monitoring the linear profiles using CUSUM control charts. Communications in Statistics Part B: Simulation and Computation, 2019, 48, 126-149.	1.2	17

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91	New Interquartile Range EWMA Control Charts with Applications in Continuous Stirred Tank Rector Process. Arabian Journal for Science and Engineering, 2019, 44, 2467-2485.	3.0	14
92	Robust dual-CUSUM control charts for contaminated processes. Communications in Statistics Part B: Simulation and Computation, 2019, 48, 2177-2190.	1.2	10
93	A progressive approach to joint monitoring of process parameters. Computers and Industrial Engineering, 2018, 115, 253-268.	6.3	35
94	On designing a robust double exponentially weighted moving average control chart for process monitoring. Transactions of the Institute of Measurement and Control, 2018, 40, 4253-4265.	1.7	14
95	On evaluating the performance of different forecasters. Communications in Statistics Part B: Simulation and Computation, 2018, 47, 542-555.	1.2	0
96	On efficient CUSUM-type location control charts using auxiliary information. Quality Technology and Quantitative Management, 2018, 15, 87-105.	1.9	38
97	In-control robustness comparison of different control charts. Transactions of the Institute of Measurement and Control, 2018, 40, 3860-3871.	1.7	15
98	On Designing Mixed EWMA Dual-CUSUM Chart With Applications in Petro-Chemical Industry. IEEE Access, 2018, 6, 78931-78946.	4.2	9
99	Bayesian Monitoring of Linear Profiles Using DEWMA Control Structures With Random X. IEEE Access, 2018, 6, 78370-78385.	4.2	16
100	Simultaneous monitoring of linear profile parameters under progressive setup. Computers and Industrial Engineering, 2018, 125, 434-450.	6.3	36
101	A modified CUSUM control chart for monitoring industrial processes. Quality and Reliability Engineering International, 2018, 34, 1045-1058.	2.3	27
102	Alternative methods for the simultaneous monitoring of simple linear profile parameters. International Journal of Advanced Manufacturing Technology, 2018, 97, 2851-2871.	3.0	46
103	Homogeneously weighted moving average control chart with an application in substrate manufacturing process. Computers and Industrial Engineering, 2018, 120, 460-470.	6.3	90
104	On designing a new cumulative sum Wilcoxon signed rank chart for monitoring process location. PLoS ONE, 2018, 13, e0195762.	2.5	18
105	On the performance ofXl„control chart for known and unknown parameters supplemented with runs rules under different probability distributions. Journal of Statistical Computation and Simulation, 2018, 88, 675-711.	1.2	20
106	Investigating the Impact of Simple and Mixture Priors on Estimating Sensitive Proportion Through a General Class of Randomized Response Models. Scientia Iranica, 2018, .	0.4	2
107	On the extended use of auxiliary information under skewness correction for process monitoring. Transactions of the Institute of Measurement and Control, 2017, 39, 883-897.	1.7	24
108	Mixed multivariate EWMA-CUSUM control charts for an improved process monitoring. Communications in Statistics - Theory and Methods, 2017, 46, 6980-6993.	1.0	47

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109	Bivariate Dispersion Control Charts for Monitoring Nonâ€Normal Processes. Quality and Reliability Engineering International, 2017, 33, 515-529.	2.3	8
110	On the Performance of Control Charts for Simultaneous Monitoring of Location and Dispersion Parameters. Quality and Reliability Engineering International, 2017, 33, 37-56.	2.3	16
111	Simultaneous Use of Runs Rules and Auxiliary Information With Exponentially Weighted Moving Average Control Charts. Quality and Reliability Engineering International, 2017, 33, 323-336.	2.3	30
112	Investigating the Impact of Ranked Set Sampling in Nonparametric CUSUM Control Charts. Quality and Reliability Engineering International, 2017, 33, 203-214.	2.3	33
113	Combined Shewhart CUSUM charts using auxiliary variable. Computers and Industrial Engineering, 2017, 105, 329-337.	6.3	47
114	Linear profile monitoring using EWMA structure under ranked set schemes. International Journal of Advanced Manufacturing Technology, 2017, 91, 2751-2775.	3.0	46
115	A communicative property with its industrial applications. Quality and Reliability Engineering International, 2017, 33, 2761-2763.	2.3	5
116	Bayesian monitoring of linear profile monitoring using DEWMA charts. Quality and Reliability Engineering International, 2017, 33, 1783-1812.	2.3	26
117	Mixed Tukey EWMA-CUSUM control chart and its applications. Quality Technology and Quantitative Management, 2017, 14, 378-411.	1.9	30
118	New V control chart for the Maxwell distribution. Journal of Statistical Computation and Simulation, 2017, 87, 594-606.	1.2	25
119	Mixed EWMA-CUSUM and mixed CUSUM-EWMA modified control charts for monitoring first order autoregressive processes. Quality Technology and Quantitative Management, 2017, 14, 429-453.	1.9	30
120	Estimation of mixture Maxwell parameters and its possible industrial application. Computers and Industrial Engineering, 2017, 107, 264-275.	6.3	10
121	Optimization design of the <scp>CUSUM</scp> and <scp>EWMA</scp> charts for autocorrelated processes. Quality and Reliability Engineering International, 2017, 33, 1827-1841.	2.3	6
122	An EWMA monitoring scheme with a single auxiliary variable for industrial processes. Computers and Industrial Engineering, 2017, 114, 1-10.	6.3	42
123	EWMA-type scheme for monitoring location parameter using auxiliary information. Computers and Industrial Engineering, 2017, 114, 114-129.	6.3	37
124	Monitoring the performance of Bayesian EWMA control chart using loss functions. Computers and Industrial Engineering, 2017, 112, 426-436.	6.3	19
125	On Bayesian EWMA control charts under different loss functions. Quality and Reliability Engineering International, 2017, 33, 2653-2665.	2.3	11
126	An adaptive EWMA schemeâ€based CUSUM accumulation error for efficient monitoring of process location. Quality and Reliability Engineering International, 2017, 33, 2463-2482.	2.3	25

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127	On Model Selection for Autocorrelated Processes in Statistical Process Control. Quality and Reliability Engineering International, 2017, 33, 867-882.	2.3	7
128	Using FIR to Improve CUSUM Charts for Monitoring Process Dispersion. Quality and Reliability Engineering International, 2017, 33, 1045-1056.	2.3	14
129	An Efficient Nonparametric EWMA Wilcoxon Signedâ€Rank Chart for Monitoring Location. Quality and Reliability Engineering International, 2017, 33, 669-685.	2.3	52
130	An Improved S²Control Chart for Cost and Efficiency Optimization. IEEE Access, 2017, 5, 19486-19493.	4.2	11
131	Improved Ratio Estimators Using Some Robust Measures. Hacettepe Journal of Mathematics and Statistics, 2017, 47, 1-23.	0.3	1
132	New EWMA S2 Control Charts for Monitoring Process Dispersion. Scientia Iranica, 2017, 24, 378-389.	0.4	15
133	Performance evaluation of joint monitoring control charts. Scientia Iranica, 2017, 24, 2152-2163.	0.4	24
134	On Auxiliary Information Based Improved EWMA Median Control Charts. Scientia Iranica, 2017, .	0.4	7
135	NEW MEMORY-TYPE CONTROL CHARTS FOR MONITORING PROCESS MEAN AND DISPERSION. Scientia Iranica, 2017, .	0.4	2
136	Nonparametric Double EWMA Control Chart for Process Monitoring. Revista Colombiana De Estadistica, 2016, 39, 167.	0.4	30
137	A New EWMA Control Chart for Monitoring Poisson Observations. Quality and Reliability Engineering International, 2016, 32, 3023-3033.	2.3	25
138	Use of ranked set sampling in nonparametric control charts. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers,Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 2016, 39, 627-636.	1.1	30
139	Combined Application of Shewhart and Cumulative Sum R Chart for Monitoring Process Dispersion. Quality and Reliability Engineering International, 2016, 32, 51-67.	2.3	11
140	On the performance of different capability indices under normal and non-normal distributions. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers,Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 2016, 39, 889-899.	1.1	0
141	Robust Tukeyâ€“CUSUM Control Chart for Process Monitoring. Quality and Reliability Engineering International, 2016, 32, 933-948.	2.3	19
142	A New Combined Shewhartâ€“Cumulative Sum S Chart for Monitoring Process Standard Deviation. Quality and Reliability Engineering International, 2016, 32, 1149-1165.	2.3	10
143	On Effective Dual Use of Auxiliary Information in Variability Control Charts. Quality and Reliability Engineering International, 2016, 32, 1417-1443.	2.3	37
144	On Dual Use of Auxiliary Information for Efficient Monitoring. Quality and Reliability Engineering International, 2016, 32, 705-714.	2.3	41

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145	On Efficient Skewness Correction Charts Under Contamination and Nonâ€normality. Quality and Reliability Engineering International, 2016, 32, 837-854.	2.3	10
146	EWMA Control Chart for Poissonâ€“Exponential Lifetime Distribution Under Type I Censoring. Quality and Reliability Engineering International, 2016, 32, 995-1005.	2.3	33
147	A comparative study of memory-type control charts under normal and contaminated normal environments. Quality and Reliability Engineering International, 2016, 32, 1347-1356.	2.3	9
148	On Modified Successive Sampling Based Control Charting Schemes. Quality and Reliability Engineering International, 2016, 32, 2491-2497.	2.3	9
149	On designing a new Tukey-EWMA control chart for process monitoring. International Journal of Advanced Manufacturing Technology, 2016, 82, 1-23.	3.0	74
150	On monitoring of linear profiles using Bayesian methods. Computers and Industrial Engineering, 2016, 94, 245-268.	6.3	26
151	Mixed CUSUM-EWMA chart for monitoring process dispersion. International Journal of Advanced Manufacturing Technology, 2016, 86, 3025-3039.	3.0	82
152	On increasing the sensitivity of mixed EWMAâ€“CUSUM control charts for locationÂparameter. Journal of Applied Statistics, 2016, 43, 1262-1278.	1.3	19
153	Bayes estimation of Gumbel mixture models with industrial applications. Transactions of the Institute of Measurement and Control, 2016, 38, 201-214.	1.7	21
154	On process monitoring using location control charts under different loss functions. Transactions of the Institute of Measurement and Control, 2016, 38, 1107-1119.	1.7	11
155	On the Efficiency of Runs Rules Schemes for Process Monitoring. Quality and Reliability Engineering International, 2016, 32, 663-671.	2.3	7
156	Enhancing the Mean Ratio Estimators for Estimating Population Mean Using Non-Conventional Location Parameters. Revista Colombiana De Estadistica, 2016, 39, 63-79.	0.4	24
157	A Study of Cumulative Quantity Control Chart for a Mixture of Rayleigh Model under a Bayesian Framework. Revista Colombiana De Estadistica, 2016, 39, 185.	0.4	6
158	An Improved Approach to Multivariate Linear Calibration [Mathematics Subject Classification 62P25]. Scientia Iranica, 2016, 23, 1355-1369.	0.4	3
159	Some improved modified ratio estimators based on decile mean of an auxiliary variable. Pakistan Journal of Statistics and Operation Research, 2016, 12, 787.	1.1	3
160	On Monitoring Mixture Weibull Processes Using Mixture Quantity Charts. Quality Technology and Quantitative Management, 2015, 12, 481-500.	1.9	2
161	On a Correlated Variance Ratio Distribution and Its Industrial Application. Communications in Statistics - Theory and Methods, 2015, 44, 261-274.	1.0	4
162	Mixed Cumulative Sumâ€“Exponentially Weighted Moving Average Control Charts: An Efficient Way of Monitoring Process Location. Quality and Reliability Engineering International, 2015, 31, 1407-1421.	2.3	83

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163	Enhancing the Performance of Exponentially Weighted Moving Average Charts: Discussion. Quality and Reliability Engineering International, 2015, 31, 721-722.	2.3	6
164	Increasing the Sensitivity of Cumulative Sum Charts for Location. Quality and Reliability Engineering International, 2015, 31, 1035-1051.	2.3	15
165	Enhanced Cumulative Sum Charts for Monitoring Process Dispersion. PLoS ONE, 2015, 10, e0124520.	2.5	21
166	A sensitive non-parametric EWMA control chart. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers,Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 2015, 38, 208-219.	1.1	22
167	On artificial neural networking-based process monitoring under bootstrapping using runs rules schemes. International Journal of Advanced Manufacturing Technology, 2015, 76, 311-327.	3.0	15
168	On the Performance of Phase I Dispersion Control Charts for Process Monitoring. Quality and Reliability Engineering International, 2015, 31, 1705-1716.	2.3	23
169	EWMA Dispersion Control Charts for Normal and Nonâ€normal Processes. Quality and Reliability Engineering International, 2015, 31, 1691-1704.	2.3	40
170	On the Performance of Linear Profile Methodologies Under Runs Rules Schemes. Quality and Reliability Engineering International, 2015, 31, 1473-1482.	2.3	26
171	On Enhanced Interquartile Range Charting for Process Dispersion. Quality and Reliability Engineering International, 2015, 31, 389-398.	2.3	19
172	On the performance of EWMA and DEWMA control charts for censored data. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers,Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 2015, 38, 714-722.	1.1	21
173	Robust CUSUM Control Charting for Process Dispersion. Quality and Reliability Engineering International, 2015, 31, 369-379.	2.3	19
174	Progressive Mean as a Special Case of Exponentially Weighted Moving Average. Quality and Reliability Engineering International, 2015, 31, 719-720.	2.3	19
175	Control charting and survey sampling techniques in process monitoring. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers,Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 2015, 38, 342-354.	1.1	31
176	Performance of Tukey's and Individual/Moving Range Control Charts. Quality and Reliability Engineering International, 2015, 31, 1063-1077.	2.3	15
177	Quality Quandaries: A Stepwise Approach for Setting Up a Robust Shewhart Location Control Chart. Quality Engineering, 2014, 26, 246-252.	1.1	11
178	On median control charting under double sampling scheme. European Journal of Industrial Engineering, 2014, 8, 478.	0.8	24
179	An EWMA-Type Control Chart for Monitoring the Process Mean Using Auxiliary Information. Communications in Statistics - Theory and Methods, 2014, 43, 3485-3498.	1.0	117
180	Memoryâ€Type Control Charts for Monitoring the Process Dispersion. Quality and Reliability Engineering International, 2014, 30, 623-632.	2.3	29

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