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	Mixed Exponentially Weighted Moving Averageâ€“Cumulative Sum Charts for Process Monitoring. Quality and Reliability Engineering International, 2013, 29, 345-356.	2.3	160
2	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
3	Monitoring process mean level using auxiliary information. Statistica Neerlandica, 2008, 62, 458-481.	1.6	100
4	Enhancing the performance of EWMA charts. Quality and Reliability Engineering International, 2011, 27, 821-833.	2.3	97
5	Homogeneously weighted moving average control chart with an application in substrate manufacturing process. Computers and Industrial Engineering, 2018, 120, 460-470.	6.3	90
6	Improving the performance of CUSUM charts. Quality and Reliability Engineering International, 2011, 27, 415-424.	2.3	88
7	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
8	Mixed CUSUM-EWMA chart for monitoring process dispersion. International Journal of Advanced Manufacturing Technology, 2016, 86, 3025-3039.	3.0	82
9	Control charts for location based on different sampling schemes. Journal of Applied Statistics, 2013, 40, 483-494.	1.3	74
10	On designing a new Tukey-EWMA control chart for process monitoring. International Journal of Advanced Manufacturing Technology, 2016, 82, 1-23.	3.0	74
11	Design and Analysis of Control Charts for Standard Deviation with Estimated Parameters. Journal of Quality Technology, 2011, 43, 307-333.	2.5	64
12	On monitoring process variability under double sampling scheme. International Journal of Production Economics, 2013, 142, 388-400.	8.9	62
13	Monitoring process variability using auxiliary information. Computational Statistics, 2008, 23, 253-276.	1.5	59
14	On efficient use of auxiliary information for control charting in SPC. Computers and Industrial Engineering, 2014, 67, 173-184.	6.3	56
15	Progressive Mean Control Chart for Monitoring Process Location Parameter. Quality and Reliability Engineering International, 2013, 29, 357-367.	2.3	55
16	CSâ€EWMA Chart for Monitoring Process Dispersion. Quality and Reliability Engineering International, 2013, 29, 653-663.	2.3	55
17	On efficient median control charting. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers,Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 2014, 37, 358-375.	1.1	55
18	An Efficient Nonparametric EWMA Wilcoxon Signedâ€Rank Chart for Monitoring Location. Quality and Reliability Engineering International, 2017, 33, 669-685.	2.3	52

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19	On the performance of different control charting rules. Quality and Reliability Engineering International, 2011, 27, 1059-1067.	2.3	51
20	A process variability control chart. Computational Statistics, 2009, 24, 345-368.	1.5	50
21	On the Performance of Auxiliaryâ€based Control Charting under Normality and Nonnormality with Estimation Effects. Quality and Reliability Engineering International, 2013, 29, 1165-1179.	2.3	50
22	A Dispersion Control Chart. Communications in Statistics Part B: Simulation and Computation, 2008, 37, 1239-1261.	1.2	49
23	Mixed multivariate EWMA-CUSUM control charts for an improved process monitoring. Communications in Statistics - Theory and Methods, 2017, 46, 6980-6993.	1.0	47
24	Combined Shewhart CUSUM charts using auxiliary variable. Computers and Industrial Engineering, 2017, 105, 329-337.	6.3	47
25	Linear profile monitoring using EWMA structure under ranked set schemes. International Journal of Advanced Manufacturing Technology, 2017, 91, 2751-2775.	3.0	46
26	Alternative methods for the simultaneous monitoring of simple linear profile parameters. International Journal of Advanced Manufacturing Technology, 2018, 97, 2851-2871.	3.0	46
27	Robust Location Estimators for the Åª Control Chart. Journal of Quality Technology, 2011, 43, 363-379.	2.5	45
28	Enhancing the Performance of Combined Shewhartâ€EWMA Charts. Quality and Reliability Engineering International, 2013, 29, 1093-1106.	2.3	45
29	Nonparametric Progressive Mean Control Chart for Monitoring Process Target. Quality and Reliability Engineering International, 2013, 29, 1069-1080.	2.3	44
30	Improving the Performance of Exponentially Weighted Moving Average Control Charts. Quality and Reliability Engineering International, 2014, 30, 571-590.	2.3	44
31	Robust CUSUM Control Charting. Quality Engineering, 2013, 25, 211-224.	1.1	42
32	An EWMA monitoring scheme with a single auxiliary variable for industrial processes. Computers and Industrial Engineering, 2017, 114, 1-10.	6.3	42
33	Enhancing the performance of CUSUM scale chart. Computers and Industrial Engineering, 2012, 63, 400-409.	6.3	41
34	On Dual Use of Auxiliary Information for Efficient Monitoring. Quality and Reliability Engineering International, 2016, 32, 705-714.	2.3	41
35	EWMA Dispersion Control Charts for Normal and Nonâ€normal Processes. Quality and Reliability Engineering International, 2015, 31, 1691-1704.	2.3	40
36	On efficient CUSUM-type location control charts using auxiliary information. Quality Technology and Quantitative Management, 2018, 15, 87-105.	1.9	38

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37	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
38	On Effective Dual Use of Auxiliary Information in Variability Control Charts. Quality and Reliability Engineering International, 2016, 32, 1417-1443.	2.3	37
39	EWMA-type scheme for monitoring location parameter using auxiliary information. Computers and Industrial Engineering, 2017, 114, 114-129.	6.3	37
40	Simultaneous monitoring of linear profile parameters under progressive setup. Computers and Industrial Engineering, 2018, 125, 434-450.	6.3	36
41	A progressive approach to joint monitoring of process parameters. Computers and Industrial Engineering, 2018, 115, 253-268.	6.3	35
42	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
43	Improving the Performance of Combined Shewhartâ€“Cumulative Sum Control Charts. Quality and Reliability Engineering International, 2013, 29, 1193-1206.	2.3	33
44	EWMA Control Chart for Poissonâ€“Exponential Lifetime Distribution Under Type I Censoring. Quality and Reliability Engineering International, 2016, 32, 995-1005.	2.3	33
45	Investigating the Impact of Ranked Set Sampling in Nonparametric CUSUM Control Charts. Quality and Reliability Engineering International, 2017, 33, 203-214.	2.3	33
46	A mean deviation-based approach to monitor process variability. Journal of Statistical Computation and Simulation, 2009, 79, 1173-1193.	1.2	32
47	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
48	On the generalized process capability under simple and mixture models. Journal of Applied Statistics, 2014, 41, 832-852.	1.3	31
49	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
50	An enhanced approach for the progressive mean control charts. Quality and Reliability Engineering International, 2019, 35, 1046-1060.	2.3	31
51	Quality Quandaries: On the Application of Different Ranked Set Sampling Schemes. Quality Engineering, 2014, 26, 370-378.	1.1	30
52	Nonparametric Double EWMA Control Chart for Process Monitoring. Revista Colombiana De Estadistica, 2016, 39, 167.	0.4	30
53	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
54	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

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55	Mixed Tukey EWMA-CUSUM control chart and its applications. Quality Technology and Quantitative Management, 2017, 14, 378-411.	1.9	30
56	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
57	A mixed HWMAâ€CUSUM mean chart with an application to manufacturing process. Quality and Reliability Engineering International, 2021, 37, 618-631.	2.3	30
58	Memoryâ€Type Control Charts for Monitoring the Process Dispersion. Quality and Reliability Engineering International, 2014, 30, 623-632.	2.3	29
59	On efficient phase II process monitoring charts. International Journal of Advanced Manufacturing Technology, 2014, 70, 2263-2274.	3.0	29
60	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
61	Design schemes for the XÌ„ control chart. Quality and Reliability Engineering International, 2009, 25, 581-594.	2.3	28
62	Progressive Variance Control Charts for Monitoring Process Dispersion. Communications in Statistics - Theory and Methods, 2014, 43, 4893-4907.	1.0	28
63	A modified CUSUM control chart for monitoring industrial processes. Quality and Reliability Engineering International, 2018, 34, 1045-1058.	2.3	27
64	Monitoring Process Variability Using Giniâ€™s Mean Difference. Quality Technology and Quantitative Management, 2007, 4, 439-454.	1.9	26
65	On the Performance of Linear Profile Methodologies Under Runs Rules Schemes. Quality and Reliability Engineering International, 2015, 31, 1473-1482.	2.3	26
66	On monitoring of linear profiles using Bayesian methods. Computers and Industrial Engineering, 2016, 94, 245-268.	6.3	26
67	Bayesian monitoring of linear profile monitoring using DEWMA charts. Quality and Reliability Engineering International, 2017, 33, 1783-1812.	2.3	26
68	A New EWMA Control Chart for Monitoring Poisson Observations. Quality and Reliability Engineering International, 2016, 32, 3023-3033.	2.3	25
69	New V control chart for the Maxwell distribution. Journal of Statistical Computation and Simulation, 2017, 87, 594-606.	1.2	25
70	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
71	An adaptive approach to EWMA dispersion chart using Huber and Tukey functions. Quality and Reliability Engineering International, 2019, 35, 1542-1581.	2.3	25
72	On median control charting under double sampling scheme. European Journal of Industrial Engineering, 2014, 8, 478.	0.8	24

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73	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
74	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
75	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
76	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
77	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
78	Performance evaluation of joint monitoring control charts. Scientia Iranica, 2017, 24, 2152-2163.	0.4	24
79	Cumulative quantity control chart for the mixture of inverse Rayleigh process. Computers and Industrial Engineering, 2014, 73, 11-20.	6.3	23
80	On the Performance of Phase I Dispersion Control Charts for Process Monitoring. Quality and Reliability Engineering International, 2015, 31, 1705-1716.	2.3	23
81	On designing an efficient control chart to monitor fraction nonconforming. Quality and Reliability Engineering International, 2020, 36, 547-564.	2.3	23
82	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
83	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
84	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
85	An Alternative to the Bivariate Control Chart for Process Dispersion. Quality Engineering, 2008, 21, 63-71.	1.1	21
86	Efficient power computation for r out of m runs rules schemes. Computational Statistics, 2013, 28, 667-681.	1.5	21
87	Enhanced Cumulative Sum Charts for Monitoring Process Dispersion. PLoS ONE, 2015, 10, e0124520.	2.5	21
88	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
89	Bayes estimation of Gumbel mixture models with industrial applications. Transactions of the Institute of Measurement and Control, 2016, 38, 201-214.	1.7	21
90	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

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91	On designing a progressive mean chart for efficient monitoring of process location. Quality and Reliability Engineering International, 2020, 36, 1716-1730.	2.3	20
92	On the performance ofΧ̀„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
93	On Enhanced Interquartile Range Charting for Process Dispersion. Quality and Reliability Engineering International, 2015, 31, 389-398.	2.3	19
94	Robust CUSUM Control Charting for Process Dispersion. Quality and Reliability Engineering International, 2015, 31, 369-379.	2.3	19
95	Progressive Mean as a Special Case of Exponentially Weighted Moving Average. Quality and Reliability Engineering International, 2015, 31, 719-720.	2.3	19
96	Robust Tukeyâ€“CUSUM Control Chart for Process Monitoring. Quality and Reliability Engineering International, 2016, 32, 933-948.	2.3	19
97	On increasing the sensitivity of mixed EWMAâ€“CUSUM control charts for locationÂparameter. Journal of Applied Statistics, 2016, 43, 1262-1278.	1.3	19
98	Monitoring the performance of Bayesian EWMA control chart using loss functions. Computers and Industrial Engineering, 2017, 112, 426-436.	6.3	19
99	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
100	An improved control chart structure for process location parameter. Quality and Reliability Engineering International, 2011, 27, 1033-1041.	2.3	18
101	On designing a new cumulative sum Wilcoxon signed rank chart for monitoring process location. PLoS ONE, 2018, 13, e0195762.	2.5	18
102	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
103	Phase II monitoring of linear profiles with random explanatory variable under Bayesian framework. Computers and Industrial Engineering, 2019, 127, 1115-1129.	6.3	18
104	On Designing Non-Parametric EWMA Sign Chart under Ranked Set Sampling Scheme with Application to Industrial Process. Mathematics, 2020, 8, 1497.	2.2	18
105	A New HWMA Dispersion Control Chart with an Application to Wind Farm Data. Mathematics, 2020, 8, 2136.	2.2	18
106	Scale Parameter Estimation of the Laplace Model Using Different Asymmetric Loss Functions. International Journal of Statistics and Probability, 2012, 1, .	0.3	17
107	On improved monitoring of linear profiles under modified successive sampling. Quality and Reliability Engineering International, 2019, 35, 2202-2227.	2.3	17
108	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

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109	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
110	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
111	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
112	Bayesian Monitoring of Linear Profiles Using DEWMA Control Structures With Random X. IEEE Access, 2018, 6, 78370-78385.	4.2	16
113	Cumulative Sum Chart Modeled under the Presence of Outliers. Mathematics, 2020, 8, 269.	2.2	16
114	Nonparametric progressive sign chart for monitoring process location based on individual data. Quality Technology and Quantitative Management, 2021, 18, 225-247.	1.9	16
115	On the Development of Triple Homogeneously Weighted Moving Average Control Chart. Symmetry, 2021, 13, 360.	2.2	16
116	Increasing the Sensitivity of Cumulative Sum Charts for Location. Quality and Reliability Engineering International, 2015, 31, 1035-1051.	2.3	15
117	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
118	Performance of Tukey's and Individual/Moving Range Control Charts. Quality and Reliability Engineering International, 2015, 31, 1063-1077.	2.3	15
119	In-control robustness comparison of different control charts. Transactions of the Institute of Measurement and Control, 2018, 40, 3860-3871.	1.7	15
120	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
121	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
122	An Improved Control Chart for Monitoring Linear Profiles and its Application in Thermal Conductivity. IEEE Access, 2020, 8, 120679-120693.	4.2	15
123	New EWMA S2 Control Charts for Monitoring Process Dispersion. Scientia Iranica, 2017, 24, 378-389.	0.4	15
124	On Enhanced GLM-Based Monitoring: An Application to Additive Manufacturing Process. Symmetry, 2022, 14, 122.	2.2	15
125	Using FIR to Improve CUSUM Charts for Monitoring Process Dispersion. Quality and Reliability Engineering International, 2017, 33, 1045-1056.	2.3	14
126	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

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127	Multivariate Mixed EWMA-CUSUM Control Chart for Monitoring the Process Variance-Covariance Matrix. IEEE Access, 2019, 7, 100174-100186.	4.2	14
128	Efficient Phase II Monitoring Methods for Linear Profiles Under the Random Effect Model. IEEE Access, 2019, 7, 148278-148296.	4.2	14
129	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
130	Mixture cumulative count control chart for mixture geometric process characteristics. Quality and Quantity, 2013, 47, 2289-2307.	3.7	13
131	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
132	On the Efficient Monitoring of Multivariate Processes with Unknown Parameters. Mathematics, 2020, 8, 823.	2.2	13
133	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
134	On developing sensitive nonparametric mixed control charts with application to manufacturing industry. Quality and Reliability Engineering International, 2021, 37, 2699-2723.	2.3	13
135	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
136	Outliers Detection Models in Shewhart Control Charts; an Application in Photolithography: A Semiconductor Manufacturing Industry. Mathematics, 2020, 8, 857.	2.2	12
137	Quality Quandaries: A Stepwise Approach for Setting Up a Robust Shewhart Location Control Chart. Quality Engineering, 2014, 26, 246-252.	1.1	11
138	Quality Quandaries: How to Set Up a Robust Shewhart Control Chart for Dispersion?. Quality Engineering, 2014, 26, 130-136.	1.1	11
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 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
141	On Bayesian EWMA control charts under different loss functions. Quality and Reliability Engineering International, 2017, 33, 2653-2665.	2.3	11
142	An Improved S²Control Chart for Cost and Efficiency Optimization. IEEE Access, 2017, 5, 19486-19493.	4.2	11
143	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
144	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

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145	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
146	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
147	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
148	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
149	Inverse Maxwell Distribution and Statistical Process Control: An Efficient Approach for Monitoring Positively Skewed Process. Symmetry, 2021, 13, 189.	2.2	11
150	Process Monitoring Using Quantiles Control Charts. Journal of Testing and Evaluation, 2014, 42, 20130026.	0.7	11
151	Bayesian Estimation Using Warner's Randomized Response Model through Simple and Mixture Prior Distributions. Communications in Statistics Part B: Simulation and Computation, 2010, 40, 147-164.	1.2	10
152	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
153	On Efficient Skewness Correction Charts Under Contamination and Nonâ€normality. Quality and Reliability Engineering International, 2016, 32, 837-854.	2.3	10
154	Estimation of mixture Maxwell parameters and its possible industrial application. Computers and Industrial Engineering, 2017, 107, 264-275.	6.3	10
155	Assorted control charts: An efficient statistical approach to monitor pH values in ecotoxicology lab. Journal of Chemometrics, 2019, 33, e3129.	1.3	10
156	Robust dual-CUSUM control charts for contaminated processes. Communications in Statistics Part B: Simulation and Computation, 2019, 48, 2177-2190.	1.2	10
157	On Designing a New Bayesian Dispersion Chart for Process Monitoring. Arabian Journal for Science and Engineering, 2020, 45, 2093-2111.	3.0	10
158	New efficient exponentially weighted moving average variability charts based on auxiliary information. Quality and Reliability Engineering International, 2020, 36, 2203-2224.	2.3	10
159	On Reassessment of the HWMA Chart for Process Monitoring. Processes, 2022, 10, 1129.	2.8	10
160	Selection of suitable prior for the Bayesian mixture of a class of lifetime distributions under type-I censored datasets. Journal of Applied Statistics, 2013, 40, 1639-1658.	1.3	9
161	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
162	On Modified Successive Sampling Based Control Charting Schemes. Quality and Reliability Engineering International, 2016, 32, 2491-2497.	2.3	9

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163	On Designing Mixed EWMA Dual-CUSUM Chart With Applications in Petro-Chemical Industry. IEEE Access, 2018, 6, 78931-78946.	4.2	9
164	An enhanced nonparametric EWMA sign control chart using sequential mechanism. PLoS ONE, 2019, 14, e0225330.	2.5	9
165	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
166	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
167	Monitoring of Process Parameters Under Measurement Errors. Journal of Testing and Evaluation, 2014, 42, 20130116.	0.7	9
168	Bivariate Dispersion Control Charts for Monitoring Nonâ€Normal Processes. Quality and Reliability Engineering International, 2017, 33, 515-529.	2.3	8
169	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
170	On Designing Mixed Nonparametric Control Chart for Monitoring the Manufacturing Processes. Arabian Journal for Science and Engineering, 2021, 46, 12117-12136.	3.0	8
171	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
172	On the Efficiency of Runs Rules Schemes for Process Monitoring. Quality and Reliability Engineering International, 2016, 32, 663-671.	2.3	7
173	On Model Selection for Autocorrelated Processes in Statistical Process Control. Quality and Reliability Engineering International, 2017, 33, 867-882.	2.3	7
174	IQR CUSUM charts: An efficient approach for monitoring variations in aquatic toxicity. Journal of Chemometrics, 2021, 35, e3336.	1.3	7
175	On the multivariate progressive control chart for effective monitoring of covariance matrix. Quality and Reliability Engineering International, 2021, 37, 2724-2737.	2.3	7
176	On Auxiliary Information Based Improved EWMA Median Control Charts. Scientia Iranica, 2017, .	0.4	7
177	On the Performance Evaluation of Different Measures of Association. Revista Colombiana De Estadistica, 2014, 37, 1.	0.4	7
178	On the locationâ€based memory type control charts under modified successive sampling scheme. Quality and Reliability Engineering International, 0, , .	2.3	7
179	Enhancing the Performance of Exponentially Weighted Moving Average Charts: Discussion. Quality and Reliability Engineering International, 2015, 31, 721-722.	2.3	6
180	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

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181	On designing a sequential based EWMA structure for efficient process monitoring. Journal of Taibah University for Science, 2020, 14, 177-191.	2.5	6
182	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
183	On increasing the sensitivity of moving average control chart using auxiliary variable. Quality and Reliability Engineering International, 2021, 37, 1198-1209.	2.3	6
184	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
185	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
186	A communicative property with its industrial applications. Quality and Reliability Engineering International, 2017, 33, 2761-2763.	2.3	5
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