Muhammad Abid

List of Publications by Year
in descending order

183	4,253	109321	182427
papers	citations	35 h-index	51 g-index

183	183	183	1207
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	Statistical analysis of forecasting COVID-19 for upcoming month in Pakistan. Chaos, Solitons and Fractals, 2020, 138, 109926.	5.1	130
3	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
4	Efficacy of chloroquine or hydroxychloroquine in COVID-19 patients: a systematic review and meta-analysis. Journal of Antimicrobial Chemotherapy, 2021, 76, 30-42.	3.0	109
5	Monitoring process mean level using auxiliary information. Statistica Neerlandica, 2008, 62, 458-481.	1.6	100
6	Enhancing the performance of EWMA charts. Quality and Reliability Engineering International, 2011, 27, 821-833.	2.3	97
7	Improving the performance of CUSUM charts. Quality and Reliability Engineering International, 2011, 27, 415-424.	2.3	88
8	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
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	On monitoring process variability under double sampling scheme. International Journal of Production Economics, 2013, 142, 388-400.	8.9	62
12	Monitoring process variability using auxiliary information. Computational Statistics, 2008, 23, 253-276.	1.5	59
13	On efficient use of auxiliary information for control charting in SPC. Computers and Industrial Engineering, 2014, 67, 173-184.	6.3	56
14	Progressive Mean Control Chart for Monitoring Process Location Parameter. Quality and Reliability Engineering International, 2013, 29, 357-367.	2.3	55
15	CSâ€EWMA Chart for Monitoring Process Dispersion. Quality and Reliability Engineering International, 2013, 29, 653-663.	2.3	55
16	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
17	An Efficient Nonparametric EWMA Wilcoxon Signedâ€Rank Chart for Monitoring Location. Quality and Reliability Engineering International, 2017, 33, 669-685.	2.3	52
18	On the performance of different control charting rules. Quality and Reliability Engineering International, 2011, 27, 1059-1067.	2.3	51

#	Article	IF	Citations
19	A process variability control chart. Computational Statistics, 2009, 24, 345-368.	1.5	50
20	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
21	A Dispersion Control Chart. Communications in Statistics Part B: Simulation and Computation, 2008, 37, 1239-1261.	1.2	49
22	Mixed multivariate EWMA-CUSUM control charts for an improved process monitoring. Communications in Statistics - Theory and Methods, 2017, 46, 6980-6993.	1.0	47
23	Linear profile monitoring using EWMA structure under ranked set schemes. International Journal of Advanced Manufacturing Technology, 2017, 91, 2751-2775.	3.0	46
24	Alternative methods for the simultaneous monitoring of simple linear profile parameters. International Journal of Advanced Manufacturing Technology, 2018, 97, 2851-2871.	3.0	46
25	Enhancing the Performance of Combined Shewhartâ€EWMA Charts. Quality and Reliability Engineering International, 2013, 29, 1093-1106.	2.3	45
26	Nonparametric Progressive Mean Control Chart for Monitoring Process Target. Quality and Reliability Engineering International, 2013, 29, 1069-1080.	2.3	44
27	Improving the Performance of Exponentially Weighted Moving Average Control Charts. Quality and Reliability Engineering International, 2014, 30, 571-590.	2.3	44
28	Robust CUSUM Control Charting. Quality Engineering, 2013, 25, 211-224.	1.1	42
29	An EWMA monitoring scheme with a single auxiliary variable for industrial processes. Computers and Industrial Engineering, 2017, 114, 1-10.	6.3	42
30	On Dual Use of Auxiliary Information for Efficient Monitoring. Quality and Reliability Engineering International, 2016, 32, 705-714.	2.3	41
31	EWMA Dispersion Control Charts for Normal and Nonâ€normal Processes. Quality and Reliability Engineering International, 2015, 31, 1691-1704.	2.3	40
32	On efficient CUSUM-type location control charts using auxiliary information. Quality Technology and Quantitative Management, 2018, 15, 87-105.	1.9	38
33	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
34	On Effective Dual Use of Auxiliary Information in Variability Control Charts. Quality and Reliability Engineering International, 2016, 32, 1417-1443.	2.3	37
35	Simultaneous monitoring of linear profile parameters under progressive setup. Computers and Industrial Engineering, 2018, 125, 434-450.	6.3	36
36	A progressive approach to joint monitoring of process parameters. Computers and Industrial Engineering, 2018, 115, 253-268.	6.3	35

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37	Improving the Performance of Combined Shewhartâ€“Cumulative Sum Control Charts. Quality and Reliability Engineering International, 2013, 29, 1193-1206.	2.3	33
38	EWMA Control Chart for Poissonâ€“Exponential Lifetime Distribution Under Type I Censoring. Quality and Reliability Engineering International, 2016, 32, 995-1005.	2.3	33
39	Investigating the Impact of Ranked Set Sampling in Nonparametric CUSUM Control Charts. Quality and Reliability Engineering International, 2017, 33, 203-214.	2.3	33
40	A mean deviation-based approach to monitor process variability. Journal of Statistical Computation and Simulation, 2009, 79, 1173-1193.	1.2	32
41	Insights on the responses of Brassica napus cultivars against the cobalt-stress as revealed by carbon assimilation, anatomical changes and secondary metabolites. Environmental and Experimental Botany, 2018, 156, 183-196.	4.2	32
42	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
43	An enhanced approach for the progressive mean control charts. Quality and Reliability Engineering International, 2019, 35, 1046-1060.	2.3	31
44	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
45	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
46	Mixed Tukey EWMA-CUSUM control chart and its applications. Quality Technology and Quantitative Management, 2017, 14, 378-411.	1.9	30
47	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
48	A mixed HWMAâ€CUSUM mean chart with an application to manufacturing process. Quality and Reliability Engineering International, 2021, 37, 618-631.	2.3	30
49	Memoryâ€Type Control Charts for Monitoring the Process Dispersion. Quality and Reliability Engineering International, 2014, 30, 623-632.	2.3	29
50	On efficient phase II process monitoring charts. International Journal of Advanced Manufacturing Technology, 2014, 70, 2263-2274.	3.0	29
51	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
52	Design schemes for the XÌ„ control chart. Quality and Reliability Engineering International, 2009, 25, 581-594.	2.3	28
53	Progressive Variance Control Charts for Monitoring Process Dispersion. Communications in Statistics - Theory and Methods, 2014, 43, 4893-4907.	1.0	28
54	Comparative orchestrating response of four oilseed rape (Brassica napus) cultivars against the selenium stress as revealed by physio-chemical, ultrastructural and molecular profiling. Ecotoxicology and Environmental Safety, 2018, 161, 634-647.	6.0	28

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55	Monitoring Process Variability Using Giniâ€™s Mean Difference. Quality Technology and Quantitative Management, 2007, 4, 439-454.	1.9	26
56	Bayesian monitoring of linear profile monitoring using DEWMA charts. Quality and Reliability Engineering International, 2017, 33, 1783-1812.	2.3	26
57	A New EWMA Control Chart for Monitoring Poisson Observations. Quality and Reliability Engineering International, 2016, 32, 3023-3033.	2.3	25
58	New V control chart for the Maxwell distribution. Journal of Statistical Computation and Simulation, 2017, 87, 594-606.	1.2	25
59	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
60	An adaptive approach to EWMA dispersion chart using Huber and Tukey functions. Quality and Reliability Engineering International, 2019, 35, 1542-1581.	2.3	25
61	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
62	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
63	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
64	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
65	On the Performance of Phase I Dispersion Control Charts for Process Monitoring. Quality and Reliability Engineering International, 2015, 31, 1705-1716.	2.3	23
66	On designing an efficient control chart to monitor fraction nonconforming. Quality and Reliability Engineering International, 2020, 36, 547-564.	2.3	23
67	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
68	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
69	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
70	An Alternative to the Bivariate Control Chart for Process Dispersion. Quality Engineering, 2008, 21, 63-71.	1.1	21
71	Efficient power computation for r out of m runs rules schemes. Computational Statistics, 2013, 28, 667-681.	1.5	21
72	Enhanced Cumulative Sum Charts for Monitoring Process Dispersion. PLoS ONE, 2015, 10, e0124520.	2.5	21

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73	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
74	On designing a progressive mean chart for efficient monitoring of process location. Quality and Reliability Engineering International, 2020, 36, 1716-1730.	2.3	20
75	On the performance ofXÌ„,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
76	On Enhanced Interquartile Range Charting for Process Dispersion. Quality and Reliability Engineering International, 2015, 31, 389-398.	2.3	19
77	Robust CUSUM Control Charting for Process Dispersion. Quality and Reliability Engineering International, 2015, 31, 369-379.	2.3	19
78	Robust Tukeyâ€“CUSUM Control Chart for Process Monitoring. Quality and Reliability Engineering International, 2016, 32, 933-948.	2.3	19
79	On increasing the sensitivity of mixed EWMAâ€“CUSUM control charts for locationÂparameter. Journal of Applied Statistics, 2016, 43, 1262-1278.	1.3	19
80	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
81	An improved control chart structure for process location parameter. Quality and Reliability Engineering International, 2011, 27, 1033-1041.	2.3	18
82	On designing a new cumulative sum Wilcoxon signed rank chart for monitoring process location. PLoS ONE, 2018, 13, e0195762.	2.5	18
83	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
84	On Designing Non-Parametric EWMA Sign Chart under Ranked Set Sampling Scheme with Application to Industrial Process. Mathematics, 2020, 8, 1497.	2.2	18
85	A New HWMA Dispersion Control Chart with an Application to Wind Farm Data. Mathematics, 2020, 8, 2136.	2.2	18
86	On improved monitoring of linear profiles under modified successive sampling. Quality and Reliability Engineering International, 2019, 35, 2202-2227.	2.3	17
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	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
89	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
90	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

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91	Soymilk-Cowâ€™s milk ACE-inhibiting enzyme modified cheese. Food Chemistry, 2017, 237, 1083-1091.	8.2	16
92	Bayesian Monitoring of Linear Profiles Using DEWMA Control Structures With Random X. IEEE Access, 2018, 6, 78370-78385.	4.2	16
93	Cumulative Sum Chart Modeled under the Presence of Outliers. Mathematics, 2020, 8, 269.	2.2	16
94	Nonparametric progressive sign chart for monitoring process location based on individual data. Quality Technology and Quantitative Management, 2021, 18, 225-247.	1.9	16
95	On the Development of Triple Homogeneously Weighted Moving Average Control Chart. Symmetry, 2021, 13, 360.	2.2	16
96	Improved Ratio Estimators for the Population Mean Using Non-Conventional Measures of Dispersion. Pakistan Journal of Statistics and Operation Research, 2016, 12, 353.	1.1	16
97	Increasing the Sensitivity of Cumulative Sum Charts for Location. Quality and Reliability Engineering International, 2015, 31, 1035-1051.	2.3	15
98	Performance of Tukey's and Individual/Moving Range Control Charts. Quality and Reliability Engineering International, 2015, 31, 1063-1077.	2.3	15
99	In-control robustness comparison of different control charts. Transactions of the Institute of Measurement and Control, 2018, 40, 3860-3871.	1.7	15
100	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
101	On Enhanced GLM-Based Monitoring: An Application to Additive Manufacturing Process. Symmetry, 2022, 14, 122.	2.2	15
102	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
103	Efficient Phase II Monitoring Methods for Linear Profiles Under the Random Effect Model. IEEE Access, 2019, 7, 148278-148296.	4.2	14
104	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
105	Mixture cumulative count control chart for mixture geometric process characteristics. Quality and Quantity, 2013, 47, 2289-2307.	3.7	13
106	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
107	On the Efficient Monitoring of Multivariate Processes with Unknown Parameters. Mathematics, 2020, 8, 823.	2.2	13
108	On developing sensitive nonparametric mixed control charts with application to manufacturing industry. Quality and Reliability Engineering International, 2021, 37, 2699-2723.	2.3	13

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109	Outliers Detection Models in Shewhart Control Charts; an Application in Photolithography: A Semiconductor Manufacturing Industry. Mathematics, 2020, 8, 857.	2.2	12
110	Quality Quandaries: How to Set Up a Robust Shewhart Control Chart for Dispersion?. Quality Engineering, 2014, 26, 130-136.	1.1	11
111	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
112	On Bayesian EWMA control charts under different loss functions. Quality and Reliability Engineering International, 2017, 33, 2653-2665.	2.3	11
113	An Improved S²Control Chart for Cost and Efficiency Optimization. IEEE Access, 2017, 5, 19486-19493.	4.2	11
114	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
115	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
116	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
117	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
118	Inverse Maxwell Distribution and Statistical Process Control: An Efficient Approach for Monitoring Positively Skewed Process. Symmetry, 2021, 13, 189.	2.2	11
119	Evaluation of Compost and Biochar to Mitigate Chlorpyrifos Pollution in Soil and Their Effect on Soil Enzyme Dynamics. Sustainability, 2021, 13, 9695.	3.2	11
120	Process Monitoring Using Quantiles Control Charts. Journal of Testing and Evaluation, 2014, 42, 20130026.	0.7	11
121	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
122	Assorted control charts: An efficient statistical approach to monitor pH values in ecotoxicology lab. Journal of Chemometrics, 2019, 33, e3129.	1.3	10
123	Robust dual-CUSUM control charts for contaminated processes. Communications in Statistics Part B: Simulation and Computation, 2019, 48, 2177-2190.	1.2	10
124	On Designing a New Bayesian Dispersion Chart for Process Monitoring. Arabian Journal for Science and Engineering, 2020, 45, 2093-2111.	3.0	10
125	New efficient exponentially weighted moving average variability charts based on auxiliary information. Quality and Reliability Engineering International, 2020, 36, 2203-2224.	2.3	10
126	An Efficient Robust Nonparametric Triple EWMA Wilcoxon Signed-Rank Control Chart for Process Location. Mathematical Problems in Engineering, 2021, 2021, 1-28.	1.1	10

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127	On Reassessment of the HWMA Chart for Process Monitoring. Processes, 2022, 10, 1129.	2.8	10
128	On Designing Mixed EWMA Dual-CUSUM Chart With Applications in Petro-Chemical Industry. IEEE Access, 2018, 6, 78931-78946.	4.2	9
129	An enhanced nonparametric EWMA sign control chart using sequential mechanism. PLoS ONE, 2019, 14, e0225330.	2.5	9
130	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
131	Monitoring of Process Parameters Under Measurement Errors. Journal of Testing and Evaluation, 2014, 42, 20130116.	0.7	9
132	Bivariate Dispersion Control Charts for Monitoring Nonâ€Normal Processes. Quality and Reliability Engineering International, 2017, 33, 515-529.	2.3	8
133	Investigation of Corrosion Rate of Mild Steel in Fruit Juice Environment Using Factorial Experimental Design. International Journal of Corrosion, 2020, 2020, 1-10.	1.1	8
134	On Designing Mixed Nonparametric Control Chart for Monitoring the Manufacturing Processes. Arabian Journal for Science and Engineering, 2021, 46, 12117-12136.	3.0	8
135	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
136	On the Efficiency of Runs Rules Schemes for Process Monitoring. Quality and Reliability Engineering International, 2016, 32, 663-671.	2.3	7
137	On Model Selection for Autocorrelated Processes in Statistical Process Control. Quality and Reliability Engineering International, 2017, 33, 867-882.	2.3	7
138	IQR CUSUM charts: An efficient approach for monitoring variations in aquatic toxicity. Journal of Chemometrics, 2021, 35, e3336.	1.3	7
139	On the multivariate progressive control chart for effective monitoring of covariance matrix. Quality and Reliability Engineering International, 2021, 37, 2724-2737.	2.3	7
140	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
141	On designing a sequential based EWMA structure for efficient process monitoring. Journal of Taibah University for Science, 2020, 14, 177-191.	2.5	6
142	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
143	On increasing the sensitivity of moving average control chart using auxiliary variable. Quality and Reliability Engineering International, 2021, 37, 1198-1209.	2.3	6
144	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

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145	A communicative property with its industrial applications. Quality and Reliability Engineering International, 2017, 33, 2761-2763.	2.3	5
146	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
147	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
148	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
149	Increasing the efficiency of double moving average chart using auxiliary variable. Journal of Statistical Computation and Simulation, 2021, 91, 2880-2898.	1.2	5
150	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
151	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
152	A 3-Component Mixture of Exponential Distribution Assuming Doubly Censored Data: Properties and Bayesian Estimation. Journal of Statistical Theory and Applications, 2020, 19, 197.	0.9	5
153	On designing efficient sequential schemes to monitor nonâ€normal processes. Quality and Reliability Engineering International, 2022, 38, 615-634.	2.3	5
154	Exact computational methods for univariate and multivariate control charts under runs rules. Computers and Industrial Engineering, 2022, 163, 107821.	6.3	5
155	On a Correlated Variance Ratio Distribution and Its Industrial Application. Communications in Statistics - Theory and Methods, 2015, 44, 261-274.	1.0	4
156	Shewhart-Type Charts for Masked Data: A Strategy for Handling the Privacy Issue. Mathematical Problems in Engineering, 2020, 2020, 1-11.	1.1	4
157	On Phase-I Monitoring of Process Location Parameter with Auxiliary Information-Based Median Control Charts. Mathematics, 2020, 8, 706.	2.2	4
158	Use of Nonconventional Dispersion Measures to Improve the Efficiency of Ratio-Type Estimators of Variance in the Presence of Outliers. Symmetry, 2020, 12, 16.	2.2	4
159	A New Distribution-Free Control Chart for Monitoring Process Median Based on the Statistic of the Sign Test. Journal of Testing and Evaluation, 2022, 50, 20210135.	0.7	4
160	Probability Weighted Moments Approach to Quality Control Charts. Economic Quality Control, 2006, 21, .	0.3	3
161	Gini's Mean Difference Based Time-Varying EWMA Charts. Economic Quality Control, 2009, 24, .	0.3	3
162	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

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163	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
164	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
165	Enhancing ratio estimators for estimating population mean using maximum value of auxiliary variable. Journal of the National Science Foundation of Sri Lanka, 2018, 46, 453.	0.2	3
166	Progressive mean as a special case of exponentially weighted moving average: Discussion. Quality and Reliability Engineering International, 0, , .	2.3	3
167	Design and analysis of exponentially weighted moving average control charts for monitoring the variability of logâ€normal processes with estimated parameters. Quality and Reliability Engineering International, 0, , .	2.3	3
168	Performance Evaluation of Different Tests for Location Parameters. Communications in Statistics Part B: Simulation and Computation, 2011, 40, 839-853.	1.2	2
169	An Assorted Design for Joint Monitoring of Process Parameters: An Efficient Approach for Fuel Consumption. IEEE Access, 2019, 7, 104864-104875.	4.2	2
170	An effective approach to linear calibration estimation with its applications. Communications in Statistics - Theory and Methods, 2020, 49, 5154-5174.	1.0	2
171	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
172	On handling inertia problem of memory charts using break approach. Quality and Reliability Engineering International, 2020, 36, 1708-1715.	2.3	2
173	On Estimation of Three-Component Mixture of Distributions via Bayesian and Classical Approaches. Mathematical Problems in Engineering, 2021, 2021, 1-19.	1.1	2
174	On developing robust adaptive approaches for monitoring location of nonâ€normal environments. Quality and Reliability Engineering International, 0, , .	2.3	2
175	On best linear and Bayesian linear predictor in calibration. Communications in Statistics - Theory and Methods, 2020, , 1-25.	1.0	1
176	A robust multivariate Shewhart chart for contaminated normal environments. Quality and Reliability Engineering International, 2021, 37, 2665-2684.	2.3	1
177	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
178	On enhanced exponentialâ€cumâ€ratio estimators using robust measures of location. Concurrency Computation Practice and Experience, 2022, 34, .	2.2	1
179	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
180	Online monitoring of climatic parameters: a statistical study about environmental changes in Qatar. Qscience Proceedings, 2016, 2016, 42.	0.0	0

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181	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
182	Violating the standard assumption underlying the process monitoring: Perfect measurements. Quality and Reliability Engineering International, 0, , .	2.3	0
183	Outliersâ€™ detection with a sensitive exponentially weighted moving average control chart. Quality and Reliability Engineering International, 0, , .	2.3	0