Michael Boon Chong Khoo

List of Publications by Year
in descending order

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275 papers	4,510 citations	126907 33 h-index	233421 45 g-index
277 all docs	277 docs citations	277 times ranked	795 citing authors

#	Article	IF	Citations
1	Optimization designs of the combined Shewhart-CUSUM control charts. Computational Statistics and Data Analysis, 2008, 53, 496-506.	1.2	87
2	The synthetic [Xbar] chart with estimated parameters. IIE Transactions, 2011, 43, 676-687.	2.1	87
3	A synthetic double sampling control chart for the process mean. IIE Transactions, 2010, 43, 23-38.	2.1	78
4	Run-sum control charts for monitoring the coefficient of variation. European Journal of Operational Research, 2017, 257, 144-158.	5.7	71
5	A new synthetic control chart for monitoring process mean using auxiliary information. Journal of Statistical Computation and Simulation, 2016, 86, 3068-3092.	1.2	63
6	Monitoring Process Mean and Variability with One Double EWMA Chart. Communications in Statistics - Theory and Methods, 2010, 39, 3678-3694.	1.0	62
7	An efficient adaptive EWMA control chart for monitoring the process mean. Quality and Reliability Engineering International, 2018, 34, 563-571.	2.3	62
8	Design of Runs Rules Schemes. Quality Engineering, 2003, 16, 27-43.	1.1	57
9	A Moving Average Control Chart for Monitoring the Fraction Non-conforming. Quality and Reliability Engineering International, 2004, 20, 617-635.	2.3	57
10	A combined synthetic&X chart for monitoring the process mean. International Journal of Production Research, 2010, 48, 7423-7436.	7.5	57
11	Optimal design of the synthetic chart for the process mean based on median run length. IIE Transactions, 2012, 44, 765-779.	2.1	57
12	An np control chart for monitoring the mean of a variable based on an attribute inspection. International Journal of Production Economics, 2009, 121, 141-147.	8.9	56
13	A Control Chart for the Multivariate Coefficient of Variation. Quality and Reliability Engineering International, 2016, 32, 1213-1225.	2.3	56
14	Monitoring the coefficient of variation: A literature review. Computers and Industrial Engineering, 2021, 161, 107600.	6.3	53
15	Monitoring the Coefficient of Variation Using a Variable Sampling Interval EWMA Chart. Journal of Quality Technology, 2017, 49, 380-401.	2.5	50
16	Optimal design of the double sampling chart with estimated parameters based on median run length. Computers and Industrial Engineering, 2014, 67, 104-115.	6.3	49
17	Monitoring the coefficient of variation using a variable sample size and sampling interval control chart. Communications in Statistics Part B: Simulation and Computation, 2017, 46, 5772-5794.	1.2	49
18	A study of timeâ€betweenâ€events control chart for the monitoring of regularly maintained systems. Quality and Reliability Engineering International, 2009, 25, 805-819.	2.3	48

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19	Economic and economic statistical designs of the synthetic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si3.gif" overflow="scroll"><mml:mrow><mml:mover accent="true"><mml:mrow><mml:mi>X</mml:mi></mml:mrow><mml:mo stretchy="true">Â¯</mml:mo></mml:mrow></mml:mover></mml:mrow></mml:math> chart using loss functions. European Journal of Operational Research, 2013, 228, 571-581.	5.7	47
20	Optimal designs of the multivariate synthetic chart for monitoring the process mean vector based on median run length. Quality and Reliability Engineering International, 2011, 27, 981-997.	2.3	45
21	A Control Chart Based on Sample Median for the Detection of a Permanent Shift in the Process Mean. Quality Engineering, 2005, 17, 243-257.	1.1	43
22	The variable sampling interval X̄ chart with estimated parameters. Quality and Reliability Engineering International, 2012, 28, 19-34.	2.3	43
23	Two Improved Runs Rules for the ShewhartX̄Control Chart. Quality Engineering, 2006, 18, 173-178.	1.1	42
24	The Effect of Measurement Errors on the Synthetic Chart. Quality and Reliability Engineering International, 2015, 31, 1769-1778.	2.3	42
25	New adaptive EWMA control charts for monitoring univariate and multivariate coefficient of variation. Computers and Industrial Engineering, 2019, 131, 28-40.	6.3	42
26	Using Lean Six Sigma to improve mobile order fulfilment process in a telecom service sector. Production Planning and Control, 2018, 29, 301-314.	8.8	41
27	A new double sampling control chart for monitoring process mean using auxiliary information. Journal of Statistical Computation and Simulation, 2018, 88, 869-899.	1.2	41
28	A New Bivariate Control Chart to Monitor the Multivariate Process Mean and Variance Simultaneously. Quality Engineering, 2004, 17, 109-118.	1.1	40
29	A Double Moving Average Control Chart. Communications in Statistics Part B: Simulation and Computation, 2008, 37, 1696-1708.	1.2	40
30	Simultaneous monitoring of magnitude and time-between-events data with a Max-EWMA control chart. Computers and Industrial Engineering, 2020, 142, 106378.	6.3	38
31	Run sum chart for monitoring multivariate coefficient of variation. Computers and Industrial Engineering, 2017, 109, 84-95.	6.3	37
32	Monitoring the coefficient of variation using a variable sample size EWMA chart. Computers and Industrial Engineering, 2018, 126, 378-398.	6.3	37
33	Optimization designs and performance comparison of two CUSUM schemes for monitoring process shifts in mean and variance. European Journal of Operational Research, 2010, 205, 136-150.	5.7	36
34	A combined synthetic and np scheme for detecting increases in fraction nonconforming. Computers and Industrial Engineering, 2012, 62, 979-988.	6.3	36
35	An adaptive multivariate EWMA chart. Computers and Industrial Engineering, 2019, 127, 549-557.	6.3	36
36	Optimal designs of the double sampling X̄ chart with estimated parameters. International Journal of Production Economics, 2013, 144, 345-357.	8.9	35

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37	Synthetic double sampling np control chart for attributes. Computers and Industrial Engineering, 2014, 75, 157-169.	6.3	35
38	A SYNTHETIC CONTROL CHART FOR MONITORING THE PROCESS MEAN OF SKEWED POPULATIONS BASED ON THE WEIGHTED VARIANCE METHOD. International Journal of Reliability, Quality and Safety Engineering, 2008, 15, 217-245.	0.6	34
39	Distribution-free Shewhart-Lepage type premier control schemes for simultaneous monitoring of location and scale. Computers and Industrial Engineering, 2017, 104, 201-215.	6.3	34
40	A sum of squares double exponentially weighted moving average chart. Computers and Industrial Engineering, 2011, 61, 1173-1188.	6.3	32
41	Monitoring the Coefficient of Variation Using the Side Sensitive Group Runs Chart. Quality and Reliability Engineering International, 2016, 32, 1913-1927.	2.3	32
42	Optimal Designs of the Variable Sample Size Chart Based on Median Run Length and Expected Median Run Length. Quality and Reliability Engineering International, 2017, 33, 121-134.	2.3	32
43	Monitoring the coefficient of variation using a variable parameters chart. Quality Engineering, 2018, 30, 212-235.	1.1	32
44	New adaptive control charts for monitoring the multivariate coefficient of variation. Computers and Industrial Engineering, 2018, 126, 595-610.	6.3	32
45	Multivariate Control Chart for Process Dispersion Based on Individual Observations. Quality Engineering, 2003, 15, 639-642.	1.1	31
46	A multivariate synthetic double sampling T2 control chart. Computers and Industrial Engineering, 2013, 64, 179-189.	6.3	31
47	Economically Optimum Design of a Synthetic Chart. Quality and Reliability Engineering International, 2012, 28, 725-741.	2.3	30
48	Synthetic-Type Control Charts for Time-Between-Events Monitoring. PLoS ONE, 2013, 8, e65440.	2.5	30
49	One-sided control charts for monitoring the multivariate coefficient of variation in short production runs. Transactions of the Institute of Measurement and Control, 2019, 41, 1712-1728.	1.7	30
50	A comparison study on effectiveness and robustness of control charts for monitoring process mean and variance. Quality and Reliability Engineering International, 2012, 28, 3-17.	2.3	29
51	A CUSUM scheme for event monitoring. International Journal of Production Economics, 2013, 145, 268-280.	8.9	29
52	The Performance of Variable Sample Size Chart with Measurement Errors. Quality and Reliability Engineering International, 2016, 32, 969-983.	2.3	29
53	Some distribution-free Lepage-type schemes for simultaneous monitoring of one-sided shifts in location and scale. Computers and Industrial Engineering, 2018, 115, 653-669.	6.3	29
54	A Synthetic Scaled Weighted Variance Control Chart for Monitoring the Process Mean of Skewed Populations. Communications in Statistics Part B: Simulation and Computation, 2009, 38, 1659-1674.	1.2	28

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55	The coefficient of variation chart with measurement error. Quality Technology and Quantitative Management, 2017, 14, 353-377.	1.9	28
56	Performance of the hotellingT²control chart for compositional data in the presence of measurement errors. Journal of Applied Statistics, 2019, 46, 2583-2602.	1.3	27
57	A variable sample size and sampling interval control chart for monitoring the process mean using auxiliary information. Quality Technology and Quantitative Management, 2019, 16, 389-406.	1.9	27
58	The run sum t control chart for monitoring process mean changes in manufacturing. International Journal of Advanced Manufacturing Technology, 2014, 70, 1487-1504.	3.0	26
59	Optimal designs of the variable sample size and sampling interval<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0001.gif" overflow="scroll"><mml:mover accent="true"><mml:mi>X</mml:mi><mml:mo>Â¯</mml:mo></mml:mover></mml:math>chart when process parameters are estimated. International Journal of Production Economics, 2015, 166, 29-35.	8.9	26
60	A direct procedure for monitoring the coefficient of variation using a variable sample size scheme. Communications in Statistics Part B: Simulation and Computation, 2017, 46, 4210-4225.	1.2	26
61	An overview of syntheticâ€type control charts: Techniques and methodology. Quality and Reliability Engineering International, 2019, 35, 2081-2096.	2.3	26
62	Memoryâ€type multivariate control charts with auxiliary information for process mean. Quality and Reliability Engineering International, 2019, 35, 192-203.	2.3	26
63	Performance of the MEWMAâ€CoDa control chart in the presence of measurement errors. Quality and Reliability Engineering International, 2020, 36, 2411-2440.	2.3	26
64	Poisson Moving Average VersuscChart for Nonconformities. Quality Engineering, 2004, 16, 525-534.	1.1	25
65	Alternatives to the Multivariate Control Chart for Process Dispersion. Quality Engineering, 2004, 16, 423-435.	1.1	25
66	Optimal Statistical Design of a Multivariate EWMA Chart Based on ARL and MRL. Communications in Statistics Part B: Simulation and Computation, 2006, 35, 831-847.	1.2	25
67	The Revisedm-of-kRuns Rule Based on Median Run Length. Communications in Statistics Part B: Simulation and Computation, 2012, 41, 1463-1477.	1.2	25
68	A Multivariate Synthetic Control Chart for Monitoring the Process Mean Vector of Skewed Populations Using Weighted Standard Deviations. Communications in Statistics Part B: Simulation and Computation, 2009, 38, 1493-1518.	1.2	24
69	Monitoring compositional data using multivariate exponentially weighted moving average scheme. Quality and Reliability Engineering International, 2018, 34, 391-402.	2.3	24
70	Exponential cumulative sums chart for detecting shifts in time-between-events. International Journal of Production Research, 2018, 56, 3683-3698.	7.5	24
71	Evaluation of Shewhart time-between-events-and-amplitude control charts for several distributions. Quality Engineering, 2019, 31, 240-254.	1.1	24
72	OPTIMAL STATISTICAL DESIGNS OF A MULTIVARIATE CUSUM CHART BASED ON ARL AND MRL. International Journal of Reliability, Quality and Safety Engineering, 2006, 13, 479-497.	0.6	23

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73	Optimum process mean and manufacturing quantity settings for serial production system under the quality loss and rectifying inspection plan. Computers and Industrial Engineering, 2009, 57, 1080-1088.	6.3	23
74	Synthetic Phase II Shewhartâ€type Attributes Control Charts When Process Parameters are Estimated. Quality and Reliability Engineering International, 2014, 30, 315-335.	2.3	23
75	Synthetic Double SamplingXÌ„Chart with Estimated Process Parameters. Quality Technology and Quantitative Management, 2015, 12, 579-604.	1.9	23
76	The variable sampling interval run sum<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mrow><mml:mover accent="true"><mml:mrow><mml:mi>X</mml:mi></mml:mrow><mml:mrow><mml:mo stretchy="true">â€¾</mml:mo></mml:mrow></mml:mover></mml:mrow></mml:math>control chart. Computers and Industrial Engineering, 2015, 90, 25-38.	6.3	23
77	A proposed variable parameter control chart for monitoring the multivariate coefficient of variation. Quality and Reliability Engineering International, 2019, 35, 2442-2461.	2.3	23
78	Run length properties of run rules EWMA chart using integral equations. Quality Technology and Quantitative Management, 2019, 16, 129-139.	1.9	23
79	An enhanced EWMA-t control chart for monitoring the process mean. Communications in Statistics - Theory and Methods, 2019, 48, 1333-1350.	1.0	23
80	An EWMA control chart for the multivariate coefficient of variation. Quality and Reliability Engineering International, 2019, 35, 1515-1541.	2.3	22
81	Hotelling's T² control charts with fixed and variable sample sizes for monitoring short production runs. Quality and Reliability Engineering International, 2019, 35, 14-29.	2.3	22
82	Joint Monitoring of Process Mean and Variability with a Single Moving Average Control Chart. Quality Engineering, 2004, 17, 51-65.	1.1	21
83	A Cumulative Sum scheme for monitoring frequency and size of an event. Quality and Reliability Engineering International, 2010, 26, 541-554.	2.3	21
84	What are the best sample sizes for the Xbar and CUSUM charts?. International Journal of Production Economics, 2011, 131, 650-662.	8.9	21
85	The double sampling S² chart with estimated process variance. Communications in Statistics - Theory and Methods, 2017, 46, 3556-3573.	1.0	21
86	The effect of parameter estimation on phase II monitoring of poisson regression profiles. Communications in Statistics Part B: Simulation and Computation, 2019, 48, 1964-1978.	1.2	21
87	The X control chart for monitoring process shifts in mean and variance. International Journal of Production Research, 2012, 50, 893-907.	7.5	20
88	Optimal Designs of the Median Run Length Based Double Sampling XÌ„ Chart for Minimizing the Average Sample Size. PLoS ONE, 2013, 8, e68580.	2.5	20
89	Multivariate Synthetic |S| Control Chart with Variable Sampling Interval. Communications in Statistics Part B: Simulation and Computation, 2015, 44, 924-942.	1.2	20
90	A Study on EWMA charts with runs rulesâ€"the Markov chain approach. Communications in Statistics - Theory and Methods, 2016, 45, 4156-4180.	1.0	20

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91	Side-sensitive group runs double sampling (SSGRDS) chart for detecting mean shifts. International Journal of Production Research, 2015, 53, 4735-4753.	7.5	19
92	Economic-Statistical Design of the Synthetic XÂ¯ Chart with Estimated Process Parameters. Quality and Reliability Engineering International, 2015, 31, 863-876.	2.3	19
93	The Exact Run Length Distribution and Design of the Shewhart Chart with Estimated Parameters Based on Median Run Length. Communications in Statistics Part B: Simulation and Computation, 2016, 45, 2081-2103.	1.2	19
94	A median run length-based double-sampling X Â¯ $$ overline{X} $$ chart with estimated parameters for minimizing the average sample size. International Journal of Advanced Manufacturing Technology, 2015, 80, 411-426.	3.0	18
95	An optimization design of the combined Shewhart-EWMA control chart. International Journal of Advanced Manufacturing Technology, 2016, 86, 1627-1637.	3.0	18
96	Monitoring Process Mean and Variance with a Single Generally Weighted Moving Average Chart. Communications in Statistics - Theory and Methods, 2012, 41, 2221-2241.	1.0	17
97	A rational sequential probability ratio test control chart for monitoring process shifts in mean and variance. Journal of Statistical Computation and Simulation, 2015, 85, 1765-1781.	1.2	17
98	Monitoring of Timeâ€Betweenâ€Events with a Generalized Group Runs Control Chart. Quality and Reliability Engineering International, 2016, 32, 767-781.	2.3	17
99	A side-sensitive modified group runs double sampling (SSMGRDS) control chart for detecting mean shifts. Communications in Statistics Part B: Simulation and Computation, 2018, 47, 1353-1369.	1.2	17
100	Incorporating Runs Rules into Hotelling's Ï‡2Control Charts. Quality Engineering, 2003, 15, 671-675.	1.1	16
101	A ModifiedSChart for the Process Variance. Quality Engineering, 2005, 17, 567-577.	1.1	16
102	A new control chart for monitoring the event frequency and magnitude. European Journal of Industrial Engineering, 2014, 8, 789.	0.8	16
103	Time-Between-Event Control Charts for Sampling Inspection. Technometrics, 2014, 56, 336-346.	1.9	16
104	A Variable Sampling Interval Synthetic Xbar Chart for the Process Mean. PLoS ONE, 2015, 10, e0126331.	2.5	16
105	Synthetic double samplingschart. Communications in Statistics - Theory and Methods, 2017, 46, 5914-5931.	1.0	16
106	Economic-statistical design of control chart with runs rules for correlation within sample. Communications in Statistics Part B: Simulation and Computation, 2018, 47, 2849-2864.	1.2	16
107	Dual multivariate CUSUM mean charts. Computers and Industrial Engineering, 2019, 137, 106028.	6.3	16
108	Comparisons of some distribution-free CUSUM and EWMA schemes and their applications in monitoring impurity in mining process flotation. Computers and Industrial Engineering, 2019, 137, 106059.	6.3	16

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109	Some simplified Shewhart-type distribution-free joint monitoring schemes and its application in monitoring drinking water turbidity. Quality Engineering, 2020, 32, 91-110.	1.1	16
110	A run sum Hotellingâ€™s Ï‡2 control chart. Computers and Industrial Engineering, 2013, 64, 686-695.	6.3	15
111	An Optimal Control Procedure based on Multivariate Synthetic Cumulative Sum. Quality and Reliability Engineering International, 2014, 30, 1049-1058.	2.3	15
112	Optimal exponentially weighted moving average charts with estimated parameters based on median run length and expected median run length. International Journal of Production Research, 2016, 54, 5073-5094.	7.5	15
113	Effect of measurement errors on the VSI X chart. European Journal of Industrial Engineering, 2016, 10, 224.	0.8	15
114	Economic design of the upper-sided synthetic chart with measurement errors. International Journal of Production Research, 2016, 54, 5651-5670.	7.5	15
115	Optimal designs of multivariate synthetic |S| control chart based on median run length. Communications in Statistics - Theory and Methods, 2017, 46, 3034-3053.	1.0	15
116	Optimal design of synthetic np control chart based on median run length. Communications in Statistics - Theory and Methods, 2017, 46, 8544-8556.	1.0	15
117	A synthetic double sampling control chart for process mean using auxiliary information. Quality and Reliability Engineering International, 2019, 35, 1803-1825.	2.3	15
118	Performance Measures for the Shewhart Control Chart. Quality Engineering, 2004, 16, 585-590.	1.1	14
119	Run rules based phase IIcandnpcharts when process parameters are unknown. Communications in Statistics - Theory and Methods, 2016, 45, 1182-1197.	1.0	14
120	Double sampling |S| control chart with variable sample size and variable sampling interval. Communications in Statistics Part B: Simulation and Computation, 2018, 47, 615-628.	1.2	14
121	Variable sampling interval run sum median charts with known and estimated process parameters. Computers and Industrial Engineering, 2019, 127, 571-587.	6.3	14
122	Determining the Time of a Permanent Shift in the Process Mean of CUSUM Control Charts. Quality Engineering, 2004, 17, 87-93.	1.1	13
123	Effect of Measurement Errors on the Performance of Coefficient of Variation Chart With Short Production Runs. IEEE Access, 2020, 8, 72216-72228.	4.2	13
124	An ImprovedR (Range) Control Chart for Monitoring the Process Variance. Quality and Reliability Engineering International, 2005, 21, 43-50.	2.3	12
125	JOINT DETERMINATION OF OPTIMUM PROCESS MEAN AND ECONOMIC SPECIFICATION LIMITS FOR RECTIFYING INSPECTION PLAN WITH INSPECTION ERROR. Journal of the Chinese Institute of Industrial Engineers, 2008, 25, 389-398.	0.5	12
126	Using one EWMA chart to jointly monitor the process mean and variance. Computational Statistics, 2010, 25, 299-316.	1.5	12

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127	Economically Optimal Design of a Multivariate SyntheticT²Chart. Communications in Statistics Part B: Simulation and Computation, 2014, 43, 1333-1361.	1.2	12
128	An improved variable sample size and sampling interval S control chart. Quality and Reliability Engineering International, 2019, 35, 392-404.	2.3	12
129	A combined variable sampling interval and double sampling control chart with auxiliary information for the process mean. Transactions of the Institute of Measurement and Control, 2020, 42, 1151-1165.	1.7	12
130	Optimal designs of the exponentially weighted moving average (EWMA) median chart for known and estimated parameters based on median run length. Communications in Statistics Part B: Simulation and Computation, 2022, 51, 3660-3684.	1.2	12
131	Requirements, challenges and impacts of Lean Six Sigma applications â€“ a narrative synthesis of qualitative research. International Journal of Lean Six Sigma, 2021, 12, 318-367.	3.3	12
132	Enhanced adaptive multivariate EWMA and CUSUM charts for process mean. Journal of Statistical Computation and Simulation, 2021, 91, 2361-2382.	1.2	12
133	Variable Sampling Interval Cumulative Count of Conforming Chart with Runs Rules. Communications in Statistics Part B: Simulation and Computation, 2015, 44, 2410-2430.	1.2	11
134	Economic and economic-statistical designs of the side sensitive group runs chart. Computers and Industrial Engineering, 2015, 90, 314-325.	6.3	11
135	Adaptive multivariate double sampling and variable sampling interval Hotelling's T² charts. Quality and Reliability Engineering International, 2018, 34, 894-911.	2.3	11
136	A CUSUM chart for detecting the intensity ratio of negative events. International Journal of Production Research, 2018, 56, 6553-6567.	7.5	11
137	Variable sampling interval exponentially weighted moving average median chart with estimated process parameters. Quality and Reliability Engineering International, 2019, 35, 2732-2748.	2.3	11
138	Double sampling np chart with estimated process parameter. Communications in Statistics Part B: Simulation and Computation, 2021, 50, 2232-2250.	1.2	11
139	Sideâ€sensitive modified group runs charts with and without measurement errors for monitoring the coefficient of variation. Quality and Reliability Engineering International, 2021, 37, 598-617.	2.3	11
140	Proposed Short Runs Multivariate Control Charts for the Process Mean. Quality Engineering, 2002, 14, 603-621.	1.1	10
141	Production quantity and specification limits settings by considering specified process capability value. Journal of Industrial and Production Engineering, 2014, 31, 229-237.	3.1	10
142	Side sensitive group runs $$ar{{X}}$$ X Â¯ chart with estimated process parameters. Computational Statistics, 2015, 30, 1245-1278.	1.5	10
143	The economic and economic statistical designs of synthetic double sampling Xâ€¾ chart. Communications in Statistics Part B: Simulation and Computation, 2019, 48, 2313-2332.	1.2	10
144	Optimal design of the sideâ€sensitive modified group runs (SSMGR) chart when process parameters are estimated. Quality and Reliability Engineering International, 2019, 35, 246-262.	2.3	10

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145	A sideâ€sensitive synthetic coefficient of variation chart. Quality and Reliability Engineering International, 2021, 37, 2014-2033.	2.3	10
146	The Synthetic Mean Square Error Control Chart. Communications in Statistics Part B: Simulation and Computation, 2014, 43, 1523-1542.	1.2	9
147	Joint determination of process quality level and production run time for imperfect production process. Journal of Industrial and Production Engineering, 2015, 32, 219-224.	3.1	9
148	Run sum XÂ¯ control chart with estimated process parameters. Quality and Reliability Engineering International, 2017, 33, 1885-1899.	2.3	9
149	Economic-statistical design of synthetic max chart. Quality Technology and Quantitative Management, 2018, 15, 301-327.	1.9	9
150	Economic-statistical design of synthetic double sampling T² chart. Communications in Statistics - Theory and Methods, 2019, 48, 5862-5876.	1.0	9
151	Variable sampling interval EWMA chart for multivariate coefficient of variation. Communications in Statistics - Theory and Methods, 2022, 51, 4617-4637.	1.0	9
152	Multivariate coefficient of variation charts with measurement errors. Computers and Industrial Engineering, 2020, 147, 106633.	6.3	9
153	Adaptive CUSUM and EWMA charts with auxiliary information and variable sampling intervals for monitoring the process mean. Quality and Reliability Engineering International, 2021, 37, 47-59.	2.3	9
154	Evaluation of Shewhart timeâ€betweenâ€eventsâ€andâ€amplitude control charts for correlated data. Quality and Reliability Engineering International, 2021, 37, 219-241.	2.3	9
155	Optimal Designs of EWMA Charts for Monitoring the Coefficient of Variation Based on Median Run Length and Expected Median Run Length. Journal of Testing and Evaluation, 2019, 47, 459-479.	0.7	9
156	Computing the Percentage Points of the Run-Length Distributions of Multivariate CUSUM Control Charts. Quality Engineering, 2002, 15, 299-310.	1.1	8
157	SHORT RUNS MULTIVARIATE CONTROL CHART FOR PROCESS DISPERSION. International Journal of Reliability, Quality and Safety Engineering, 2005, 12, 127-147.	0.6	8
158	Design of a multivariate exponentially weighted moving average control chart with variable sampling intervals. Computational Statistics, 2014, 29, 189-214.	1.5	8
159	An optimization design of the 3-EWMA scheme for monitoring mean shifts. International Journal of Advanced Manufacturing Technology, 2014, 74, 1061-1076.	3.0	8
160	A balanced two-sided CUSUM chart for monitoring time between events. European Journal of Industrial Engineering, 2015, 9, 1.	0.8	8
161	An efficient multivariate control charting mechanism based on SPRT. International Journal of Production Research, 2015, 53, 1937-1949.	7.5	8
162	A single X chart outperforming the joint<ovl>X</ovl>â€‰&â€‰R and<ovl>X</ovl>â€‰&â€‰S charts for monitoring mean and variance. Quality Technology and Quantitative Management, 2016, 13, 289-308.	1.9	8

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163	The Run Sum Hotelling's Ï‡² Control Chart with Variable Sampling Intervals. Quality and Reliability Engineering International, 2016, 32, 2573-2590.	2.3	8
164	Combined synthetic and |S| chart for monitoring process dispersion. Communications in Statistics Part B: Simulation and Computation, 2017, 46, 5698-5711.	1.2	8
165	Run Sum Chart for the Mean with Auxiliary Information. Journal of Testing and Evaluation, 2020, 48, 1554-1575.	0.7	8
166	A STUDY OF THE MEDIAN RUN LENGTH (MRL) PERFORMANCE OF THE EWMA t CHART FOR THE MEAN. South African Journal of Industrial Engineering, 2012, 23, 42.	0.2	8
167	A literature review on joint control schemes in statistical process monitoring. Quality and Reliability Engineering International, 2022, 38, 3270-3289.	2.3	8
168	Increasing the Sensitivity of Multivariate EWMA Control Chart. Quality Engineering, 2003, 16, 75-85.	1.1	7
169	Increasing the Sensitivity of Control Chart for Fraction Nonconforming. Quality Engineering, 2003, 16, 307-319.	1.1	7
170	Powerful Rules for the Hotelling'sÏ‡2Control Chart. Quality Engineering, 2004, 17, 139-149.	1.1	7
171	Combined double sampling and variable sampling interval np chart. Communications in Statistics - Theory and Methods, 2017, 46, 11892-11917.	1.0	7
172	Optimal designs of the synthetic t chart with estimated process mean. Computers and Industrial Engineering, 2017, 112, 409-425.	6.3	7
173	Double sampling max chart. Communications in Statistics Part B: Simulation and Computation, 2017, 46, 7855-7878.	1.2	7
174	A new non-parametric multivariate EWMA sign control chart for monitoring process dispersion. Communications in Statistics - Theory and Methods, 2019, 48, 3703-3716.	1.0	7
175	Optimal design of the modified group runs (MGR) XÂ¯ chart when process parameters are estimated. Communications in Statistics Part B: Simulation and Computation, 2020, 49, 244-260.	1.2	7
176	Economic-statistical design of synthetic npÂchart with estimated process parameter. PLoS ONE, 2020, 15, e0230994.	2.5	7
177	Revised triple sampling XÌ„ control charts for the mean with known and estimated process parameters. International Journal of Production Research, 2022, 60, 4911-4935.	7.5	7
178	Group runs revised m-of-k runs rule control chart. Communications in Statistics - Theory and Methods, 2017, 46, 6916-6935.	1.0	6
179	A multiattribute cumulative sumâ€np chart. Stat, 2019, 8, e239.	0.4	6
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