Zhi Lin Chong

List of Publications by Year
in descending order

42 papers	350 citations	933447 10 h-index	888059 17 g-index
42 all docs	42 docs citations	42 times ranked	157 citing authors

#	ARTICLE	IF	CITATIONS
1	Monitoring the coefficient of variation using a variable sample size EWMA chart. Computers and Industrial Engineering, 2018, 126, 378-398.	6.3	37
2	Synthetic double sampling np control chart for attributes. Computers and Industrial Engineering, 2014, 75, 157-169.	6.3	35
3	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
4	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
5	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
6	Side-sensitive group runs double sampling (SSGRDS) chart for detecting mean shifts. International Journal of Production Research, 2015, 53, 4735-4753.	7.5	19
7	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
8	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
9	Variable sampling interval run sum median charts with known and estimated process parameters. Computers and Industrial Engineering, 2019, 127, 571-587.	6.3	14
10	Distribution-free double exponentially and homogeneously weighted moving average Lepage schemes with an application in monitoring exit rate. Computers and Industrial Engineering, 2021, 161, 107370.	6.3	14
11	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
12	Adaptive multivariate double sampling and variable sampling interval Hotelling's T^2 charts. Quality and Reliability Engineering International, 2018, 34, 894-911.	2.3	11
13	Optimal design of the side-sensitive modified group runs (SSMGR) chart when process parameters are estimated. Quality and Reliability Engineering International, 2019, 35, 246-262.	2.3	10
14	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
15	Optimal monitoring of Poisson data with known and unknown shifts. Computers and Industrial Engineering, 2021, 154, 107100.	6.3	8
16	Optimal design of the modified group runs (MGR) $\bar{X}$ chart when process parameters are estimated. Communications in Statistics Part B: Simulation and Computation, 2020, 49, 244-260.	1.2	7
17	Simultaneous monitoring of origin and scale of a shifted exponential process with unknown and estimated parameters. Quality and Reliability Engineering International, 2021, 37, 242-261.	2.3	7
18	Group runs revised m-of-k runs rule control chart. Communications in Statistics - Theory and Methods, 2017, 46, 6916-6935.	1.0	6

#	Article	IF	Citations
19	Performance comparisons of distribution-free Shewhart-type Lepage and Cucconi schemes in monitoring complex process distributions. Transactions of the Institute of Measurement and Control, 2020, 42, 2787-2811.	1.7	6
20	Distribution‐free composite Shewhart‐EWMA Mann‐Whitney charts for monitoring the process location. Quality and Reliability Engineering International, 2021, 37, 1409-1435.	2.3	6
21	Group Runs Double Sampling np Control Chart for Attributes. Journal of Testing and Evaluation, 2017, 45, 2267-2282.	0.7	6
22	Distribution‐free double‐sampling precedence monitoring scheme to detect unknown shifts in the location parameter. Quality and Reliability Engineering International, 2021, 37, 3580-3599.	2.3	4
23	A side-sensitive synthetic chart for the multivariate coefficient of variation. PLoS ONE, 2022, 17, e0270151.	2.5	3
24	Percentiles of the run-length distribution of the Exponentially Weighted Moving Average (EWMA) median chart. Journal of Physics: Conference Series, 2017, 890, 012156.	0.4	2
25	A study on the run length properties of the side sensitive group runs double sampling (SSGRDS) control chart. MATEC Web of Conferences, 2018, 192, 01005.	0.2	2
26	A Comparative Study of Several Group Runs Type Control Schemes. , 2018, , .		2
27	Distribution-free hybrid schemes for process surveillance with application in monitoring chlorine content of water. Chemometrics and Intelligent Laboratory Systems, 2020, 206, 104099.	3.5	2
28	Progressive mean control chart is not a special case of an exponentially weighted moving average control chart. Quality and Reliability Engineering International, 2021, 37, 2329-2333.	2.3	2
29	The Variable Sampling Interval EWMA $\bar{X}$ Chart with Estimated Process Parameters. Journal of Testing and Evaluation, 2021, 49, 1237-1265.	0.7	2
30	A variable sampling interval run sum chart for the coefficient of variation. Journal of Statistical Computation and Simulation, 2022, 92, 3150-3166.	1.2	2
31	A Cost Comparison of the Synthetic and Shewhart X Charts. , 0, , .		1
32	Overall Performance Comparison of Homogeneously Weighted Moving Average and Double Homogeneously Weighted Moving Average Schemes. , 2021, , .		1
33	Proposed nonparametric runs rules Lepage and synthetic Lepage schemes. Computers and Industrial Engineering, 2022, 172, 108217.	6.3	1
34	Design of the Shewhart Median Scheme with the Percentile-Based Approach. , 2022, , .		1
35	A synthetic revised m-of-k runs rules control chart. , 2015, , .		0
36	A study on the variable sampling interval EWMA $\bar{X}$ chart when the process parameters are unknown. Journal of Physics: Conference Series, 2018, 1132, 012084.	0.4	0

#	Article	IF	Citations
37	One-Sided Variable Sampling Interval Control Chart for Monitoring the Coefficient of Variation. , 2018, , .		0
38	Variable sample size EWMA CV chart based on expected average run length. AIP Conference Proceedings, 2019, , .	0.4	0
39	Optimal Design of Modified Group Runs Scheme with Estimated Process Parameters Based on Expected Average Number of Observations to Signal. , 2019, , .		0
40	A Comparative Study of the EWMA and Double EWMA Control Schemes. Journal of Physics: Conference Series, 2021, 2051, 012067.	0.4	0
41	The Effects of Skewed Distributions on the Performance of Variable Sample Size X Chart. International Journal of Electrical and Electronic Engineering and Telecommunications, 2019, , 171-176.	3.6	0
42	Some two-sample tests for simultaneously comparing both parameters of the shifted exponential models. Communications in Statistics - Theory and Methods, 0, , 1-33.	1.0	0