

Babar Zaman

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Adaptive CUSUM Location Control Charts Based on Score Functions: An Application in Semiconductor Wafer Field. <i>Arabian Journal for Science and Engineering</i> , 2022, 47, 3725-3749.	3.0	5
2	An enhanced double homogeneously weighted moving average control chart to monitor process location with application in automobile field. <i>Quality and Reliability Engineering International</i> , 2022, 38, 174-194.	2.3	17
3	A robust hybrid exponentially weighted moving average chart for monitoring time between events. <i>Quality and Reliability Engineering International</i> , 2022, 38, 895-923.	2.3	5
4	Adaptive CUSUM control charts for efficient monitoring of process dispersion. <i>Quality and Reliability Engineering International</i> , 2022, 38, 2273-2302.	2.3	4
5	Adaptive Memory Control Charts Constructed on Generalized Likelihood Ratio Test to Monitor Process Location. <i>Arabian Journal for Science and Engineering</i> , 2022, 47, 15049-15081.	3.0	1
6	Mean control chart based on ranked set schemes for unknown skewed probability distribution and parameters. <i>Concurrency Computation Practice and Experience</i> , 2022, 34, .	2.2	1
7	An Adaptive EWMA Control Chart Based on Principal Component Method to Monitor Process Mean Vector. <i>Mathematics</i> , 2022, 10, 2025.	2.2	3
8	Advanced multivariate cumulative sum control charts based on principal component method with application. <i>Quality and Reliability Engineering International</i> , 2021, 37, 2760-2789.	2.3	5
9	Mixed memory control chart based on auxiliary information for simultaneously monitoring of process parameters: An application in glass field. <i>Computers and Industrial Engineering</i> , 2021, 156, 107284.	6.3	29
10	Homogeneously Mixed Memory Charts with Application in the Substrate Production Process. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-15.	1.1	11
11	An Efficient Robust Nonparametric Triple EWMA Wilcoxon Signed-Rank Control Chart for Process Location. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-28.	1.1	10
12	On the Efficient Monitoring of Multivariate Processes with Unknown Parameters. <i>Mathematics</i> , 2020, 8, 823.	2.2	13
13	On mixed memory control charts based on auxiliary information for efficient process monitoring. <i>Quality and Reliability Engineering International</i> , 2020, 36, 1949-1968.	2.3	22
14	An improved process monitoring by mixed multivariate memory control charts: An application in wind turbine field. <i>Computers and Industrial Engineering</i> , 2020, 142, 106343.	6.3	34
15	An adaptive EWMA chart with CUSUM accumulate error-based shift estimator for efficient process dispersion monitoring. <i>Computers and Industrial Engineering</i> , 2019, 135, 236-253.	6.3	15
16	An adaptive approach to EWMA dispersion chart using Huber and Tukey functions. <i>Quality and Reliability Engineering International</i> , 2019, 35, 1542-1581.	2.3	25
17	A Comprehensive and Integrated Stochastic-Fuzzy Method for Sustainability Assessment in the Malaysian Food Manufacturing Industry. <i>Sustainability</i> , 2019, 11, 948.	3.2	25
18	On the Performance of Control Charts for Simultaneous Monitoring of Location and Dispersion Parameters. <i>Quality and Reliability Engineering International</i> , 2017, 33, 37-56.	2.3	16

#	ARTICLE	IF	CITATIONS
19	An adaptive EWMA scheme-based CUSUM accumulation error for efficient monitoring of process location. <i>Quality and Reliability Engineering International</i> , 2017, 33, 2463-2482.	2.3	25
20	The Attitude of Undergraduate Medical Students towards Research:A Case Study from Two Medical Colleges in Maharashtra, India. <i>Current Science</i> , 2017, 113, 1129.	0.8	4
21	Attitudes of Saudi Arabian Undergraduate Medical Students towards Health Research. <i>Sultan Qaboos University Medical Journal</i> , 2016, 16, e68-73.	1.0	18
22	Mixed CUSUM-EWMA chart for monitoring process dispersion. <i>International Journal of Advanced Manufacturing Technology</i> , 2016, 86, 3025-3039.	3.0	82
23	On the Efficiency of Runs Rules Schemes for Process Monitoring. <i>Quality and Reliability Engineering International</i> , 2016, 32, 663-671.	2.3	7
24	Bottle characteristics of topical international glaucoma medications versus local brands in Saudi Arabia. <i>Middle East African Journal of Ophthalmology</i> , 2016, 23, 296.	0.3	2
25	Mixed Cumulative Sum-Exponentially Weighted Moving Average Control Charts: An Efficient Way of Monitoring Process Location. <i>Quality and Reliability Engineering International</i> , 2015, 31, 1407-1421.	2.3	83
26	On artificial neural networking-based process monitoring under bootstrapping using runs rules schemes. <i>International Journal of Advanced Manufacturing Technology</i> , 2015, 76, 311-327.	3.0	15
27	Development of a web-based glaucoma registry at King Khaled Eye Specialist Hospital, Saudi Arabia: A cost-effective methodology. <i>Middle East African Journal of Ophthalmology</i> , 2014, 21, 182.	0.3	5
28	On efficient phase II process monitoring charts. <i>International Journal of Advanced Manufacturing Technology</i> , 2014, 70, 2263-2274.	3.0	29
29	Efficient adaptive CUSUM control charts based on generalized likelihood ratio test to monitor process dispersion shift. <i>Quality and Reliability Engineering International</i> , 0, , .	2.3	4
30	A homogeneously weighted moving average control chart for monitoring time between events. <i>Quality and Reliability Engineering International</i> , 0, , .	2.3	3