Babar Zaman

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7783598/publications.pdf

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30	518	687363 13	677142 22
papers	citations	h-index	g-index

30	30	30	315
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Mixed CUSUM-EWMA chart for monitoring process dispersion. International Journal of Advanced Manufacturing Technology, 2016, 86, 3025-3039.	3.0	82
3	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
4	On efficient phase II process monitoring charts. International Journal of Advanced Manufacturing Technology, 2014, 70, 2263-2274.	3.0	29
5	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
6	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
7	An adaptive approach to EWMA dispersion chart using Huber and Tukey functions. Quality and Reliability Engineering International, 2019, 35, 1542-1581.	2.3	25
8	A Comprehensive and Integrated Stochastic-Fuzzy Method for Sustainability Assessment in the Malaysian Food Manufacturing Industry. Sustainability, 2019, 11, 948.	3.2	25
9	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
10	Attitudes of Saudi Arabian Undergraduate Medical Students towards Health Research. Sultan Qaboos University Medical Journal, 2016, 16, e68-73.	1.0	18
11	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
12	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
13	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
14	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
15	On the Efficient Monitoring of Multivariate Processes with Unknown Parameters. Mathematics, 2020, 8, 823.	2.2	13
16	Homogeneously Mixed Memory Charts with Application in the Substrate Production Process. Mathematical Problems in Engineering, 2021, 2021, 1-15.	1.1	11
17	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
18	On the Efficiency of Runs Rules Schemes for Process Monitoring. Quality and Reliability Engineering International, 2016, 32, 663-671.	2.3	7

#	Article	IF	Citations
19	Development of a web-based glaucoma registry at King Khaled Eye Specialist Hospital, Saudi Arabia: A cost-effective methodology. Middle East African Journal of Ophthalmology, 2014, 21, 182.	0.3	5
20	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
21	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
22	A robust hybrid exponentially weighted moving average chart for monitoring time between events. Quality and Reliability Engineering International, 2022, 38, 895-923.	2.3	5
23	Efficient adaptive CUSUM control charts based on generalized likelihood ratio test to monitor process dispersion shift. Quality and Reliability Engineering International, 0, , .	2.3	4
24	The Attitude of Undergraduate Medical Students towards Research:A Case Study from Two Medical Colleges in Maharashtra, India. Current Science, 2017, 113, 1129.	0.8	4
25	Adaptive CUSUM control charts for efficient monitoring of process dispersion. Quality and Reliability Engineering International, 2022, 38, 2273-2302.	2.3	4
26	A homogeneously weighted moving average control chart for monitoring time between events. Quality and Reliability Engineering International, 0, , .	2.3	3
27	An Adaptive EWMA Control Chart Based on Principal Component Method to Monitor Process Mean Vector. Mathematics, 2022, 10, 2025.	2.2	3
28	Bottle characteristics of topical international glaucoma medications versus local brands in Saudi Arabia. Middle East African Journal of Ophthalmology, 2016, 23, 296.	0.3	2
29	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
30	Mean control chart based on ranked set schemes for unknown skewed probability distribution and parameters. Concurrency Computation Practice and Experience, 2022, 34, .	2.2	1