Saddam Akber Abbasi

List of Publications by Year
in descending order

		304602	360920
90 papers	1,671 citations	22 h-index	35 g-index
91 all docs	91 docs citations	91 times ranked	655 citing authors

#	ARTICLE	IF	CITATIONS
1	Extensive use of face masks during COVID-19 pandemic: (micro-)plastic pollution and potential health concerns in the Arabian Peninsula. Saudi Journal of Biological Sciences, 2020, 27, 3181-3186.	1.8	103
2	Green Synthesis of MnO Nanoparticles Using Abutilon indicum Leaf Extract for Biological, Photocatalytic, and Adsorption Activities. Biomolecules, 2020, 10, 785.	1.8	74
3	On Proper Choice of Variability Control Chart for Normal and Non-normal Processes. Quality and Reliability Engineering International, 2012, 28, 279-296.	1.4	72
4	On monitoring process variability under double sampling scheme. International Journal of Production Economics, 2013, 142, 388-400.	5.1	62
5	On efficient use of auxiliary information for control charting in SPC. Computers and Industrial Engineering, 2014, 67, 173-184.	3.4	56
6	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.	0.6	55
7	MDEWMA chart: an efficient and robust alternative to monitor process dispersion. Journal of Statistical Computation and Simulation, 2013, 83, 247-268.	0.7	53
8	On the Performance of Auxiliary-based Control Charting under Normality and Nonnormality with Estimation Effects. Quality and Reliability Engineering International, 2013, 29, 1165-1179.	1.4	50
9	Linear profile monitoring using EWMA structure under ranked set schemes. International Journal of Advanced Manufacturing Technology, 2017, 91, 2751-2775.	1.5	46
10	Nonparametric Progressive Mean Control Chart for Monitoring Process Target. Quality and Reliability Engineering International, 2013, 29, 1069-1080.	1.4	44
11	A Multivariate Homogeneously Weighted Moving Average Control Chart. IEEE Access, 2019, 7, 9586-9597.	2.6	44
12	Enhancing the performance of CUSUM scale chart. Computers and Industrial Engineering, 2012, 63, 400-409.	3.4	41
13	On Dual Use of Auxiliary Information for Efficient Monitoring. Quality and Reliability Engineering International, 2016, 32, 705-714.	1.4	41
14	EWMA Dispersion Control Charts for Normal and Non-normal Processes. Quality and Reliability Engineering International, 2015, 31, 1691-1704.	1.4	40
15	On the Performance of EWMA Chart in the Presence of Two-Component Measurement Error. Quality Engineering, 2010, 22, 199-213.	0.7	39
16	On Effective Dual Use of Auxiliary Information in Variability Control Charts. Quality and Reliability Engineering International, 2016, 32, 1417-1443.	1.4	37
17	Nonparametric Double EWMA Control Chart for Process Monitoring. Revista Colombiana De Estadistica, 2016, 39, 167.	0.2	30
18	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.	1.1	30

#	Article	IF	Citations
19	On efficient phase II process monitoring charts. International Journal of Advanced Manufacturing Technology, 2014, 70, 2263-2274.	1.5	29
20	Multivariate coefficient of variation control charts in phase I of SPC. International Journal of Advanced Manufacturing Technology, 2018, 99, 1903-1916.	1.5	29
21	A New EWMA Control Chart for Monitoring Poisson Observations. Quality and Reliability Engineering International, 2016, 32, 3023-3033.	1.4	25
22	On median control charting under double sampling scheme. European Journal of Industrial Engineering, 2014, 8, 478.	0.5	24
23	On the extended use of auxiliary information under skewness correction for process monitoring. Transactions of the Institute of Measurement and Control, 2017, 39, 883-897.	1.1	24
24	On the Performance of Phase I Dispersion Control Charts for Process Monitoring. Quality and Reliability Engineering International, 2015, 31, 1705-1716.	1.4	23
25	Shrinkage estimates of covariance matrices to improve the performance of multivariate cumulative sum control charts. Computers and Industrial Engineering, 2018, 117, 207-216.	3.4	23
26	The Use of Probability Limits of COMâ€"Poisson Charts and their Applications. Quality and Reliability Engineering International, 2013, 29, 759-770.	1.4	22
27	Poisson progressive mean control chart. Quality and Reliability Engineering International, 2017, 33, 1855-1859.	1.4	22
28	Exponentially Weighted Moving Average Chart and Two-Component Measurement Error. Quality and Reliability Engineering International, 2016, 32, 499-504.	1.4	20
29	A nonâ€parametric double homogeneously weighted moving average control chart under sign statistic. Quality and Reliability Engineering International, 2021, 37, 1544-1560.	1.4	19
30	An Efficient Phase I Analysis of Linear Profiles with Application in Photo-Voltaic System. Arabian Journal for Science and Engineering, 2019, 44, 2699-2716.	1.7	18
31	Phase II monitoring of linear profiles with random explanatory variable under Bayesian framework. Computers and Industrial Engineering, 2019, 127, 1115-1129.	3.4	18
32	A New HWMA Dispersion Control Chart with an Application to Wind Farm Data. Mathematics, 2020, 8, 2136.	1.1	18
33	A new nonparametric EWMA sign control chart. Expert Systems With Applications, 2012, 39, 8503.	4.4	17
34	On improved monitoring of linear profiles under modified successive sampling. Quality and Reliability Engineering International, 2019, 35, 2202-2227.	1.4	17
35	On auxiliary information-based control charts for autocorrelated processes with application in manufacturing industry. International Journal of Advanced Manufacturing Technology, 2019, 100, 1965-1980.	1.5	17
36	Enhancing the performance of the <scp>EWMA</scp> control chart for monitoring the process mean using auxiliary information. Quality and Reliability Engineering International, 2019, 35, 920-933.	1.4	17

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37	Bayesian Monitoring of Linear Profiles Using DEWMA Control Structures With Random X. IEEE Access, 2018, 6, 78370-78385.	2.6	16
38	On artificial neural networking-based process monitoring under bootstrapping using runs rules schemes. International Journal of Advanced Manufacturing Technology, 2015, 76, 311-327.	1.5	15
39	An Improved Control Chart for Monitoring Linear Profiles and its Application in Thermal Conductivity. IEEE Access, 2020, 8, 120679-120693.	2.6	15
40	Multivariate Mixed EWMA-CUSUM Control Chart for Monitoring the Process Variance-Covariance Matrix. IEEE Access, 2019, 7, 100174-100186.	2.6	14
41	Efficient CV Control Charts Based on Ranked Set Sampling. IEEE Access, 2019, 7, 78050-78062.	2.6	14
42	Efficient GLMâ€based control charts for Poisson processes. Quality and Reliability Engineering International, 2022, 38, 389-404.	1.4	14
43	Efficient linear profile schemes for monitoring bivariate correlated processes with applications in the pharmaceutical industry. Chemometrics and Intelligent Laboratory Systems, 2020, 206, 104137.	1.8	12
44	Enhanced adaptive multivariate EWMA and CUSUM charts for process mean. Journal of Statistical Computation and Simulation, 2021, 91, 2361-2382.	0.7	12
45	On improved dispersion control charts under ranked set schemes for normal and nonâ€normal processes. Quality and Reliability Engineering International, 2019, 35, 1313-1341.	1.4	11
46	A Novel Simulation-Based Adaptive MEWMA Approach for Monitoring Linear and Logistic Profiles. IEEE Access, 2021, 9, 124268-124280.	2.6	11
47	Improved Nonparametric Control Chart Based on Ranked Set Sampling with Application of Chemical Data Modelling. Mathematical Problems in Engineering, 2022, 2022, 1-15.	0.6	11
48	On Efficient Skewness Correction Charts Under Contamination and Nonâ€normality. Quality and Reliability Engineering International, 2016, 32, 837-854.	1.4	10
49	On the performance of coefficient of variation control charts in Phase I. Quality and Reliability Engineering International, 2018, 34, 1029-1040.	1.4	10
50	New efficient exponentially weighted moving average variability charts based on auxiliary information. Quality and Reliability Engineering International, 2020, 36, 2203-2224.	1.4	10
51	Efficient Control Charts for Monitoring Process CV Using Auxiliary Information. IEEE Access, 2020, 8, 46176-46192.	2.6	10
52	Efficient monitoring of coefficient of variation with an application to chemical reactor process. Quality and Reliability Engineering International, 2021, 37, 1135-1149.	1.4	10
53	An Efficient Robust Nonparametric Triple EWMA Wilcoxon Signed-Rank Control Chart for Process Location. Mathematical Problems in Engineering, 2021, 2021, 1-28.	0.6	10
54	Monitoring analytical measurements in presence of two component measurement error. Journal of Analytical Chemistry, 2014, 69, 1023-1029.	0.4	9

#	ARTICLE	IF	CITATIONS
55	On efficient estimation strategies in monitoring of linear profiles. International Journal of Advanced Manufacturing Technology, 2018, 96, 3977-3991.	1.5	9
56	Location charts based on ranked set sampling for normal and nonâ€normal processes. Quality and Reliability Engineering International, 2019, 35, 1603-1620.	1.4	9
57	An enhanced nonparametric EWMA sign control chart using sequential mechanism. PLoS ONE, 2019, 14, e0225330.	1.1	9
58	Bayesian EWMA control charts based on Exponential and transformed Exponential distributions. Quality and Reliability Engineering International, 2021, 37, 1678-1698.	1.4	9
59	Bivariate Dispersion Control Charts for Monitoring Nonâ€Normal Processes. Quality and Reliability Engineering International, 2017, 33, 515-529.	1.4	8
60	Run Rules-Based EWMA Charts for Efficient Monitoring of Profile Parameters. IEEE Access, 2021, 9, 38503-38521.	2.6	8
61	Analysis of factors affecting employee satisfaction: A case study from Pakistan. Work, 2015, 52, 137-152.	0.6	7
62	On the Efficiency of Runs Rules Schemes for Process Monitoring. Quality and Reliability Engineering International, 2016, 32, 663-671.	1.4	7
63	On Model Selection for Autocorrelated Processes in Statistical Process Control. Quality and Reliability Engineering International, 2017, 33, 867-882.	1.4	7
64	Optimization design of the CUSUM and EWMA charts for autocorrelated processes. Quality and Reliability Engineering International, 2017, 33, 1827-1841.	1.4	6
65	Noise pollution in the hospital environment of a developing country: A case study of Lahore (Pakistan). Archives of Environmental and Occupational Health, 2018, 73, 367-374.	0.7	6
66	Efficient bivariate EWMA charts for monitoring process dispersion. Quality and Reliability Engineering International, 2020, 36, 247-267.	1.4	6
67	Enhanced remediation of Cr^{6+} in bacterialâ€assisted floating wetlands. Water and Environment Journal, 2020, 34, 970-978.	1.0	6
68	On designing a sequential based EWMA structure for efficient process monitoring. Journal of Taibah University for Science, 2020, 14, 177-191.	1.1	6
69	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.	0.6	5
70	Auxiliaryâ€informationâ€based efficient variability control charts for Phase I of SPC. Quality and Reliability Engineering International, 2020, 36, 2322-2337.	1.4	5
71	The exact method for designing the Maxwell chart with estimated parameter. Communications in Statistics Part B: Simulation and Computation, 2021, 50, 270-281.	0.6	5
72	The use of fast initial response features on the homogeneously weighted moving average chart with estimated parameters under the effect of measurement errors. Quality and Reliability Engineering International, 2021, 37, 2568-2586.	1.4	5

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73	On Phase-I Monitoring of Process Location Parameter with Auxiliary Information-Based Median Control Charts. Mathematics, 2020, 8, 706.	1.1	4
74	Efficient homogeneously weighted dispersion control charts with an application to distillation process. Quality and Reliability Engineering International, 0, , .	1.4	4
75	Gini's Mean Difference Based Time-Varying EWMA Charts. Economic Quality Control, 2009, 24, .	0.3	3
76	One-Sided and Two One-Sided Multivariate Homogeneously Weighted Moving Charts for Monitoring Process Mean. IEEE Access, 2021, 9, 80388-80404.	2.6	3
77	Improved simple linear profiling method with application to chemical gas sensors. Quality and Reliability Engineering International, 0, , .	1.4	3
78	Robust Distribution-Free Hybrid Exponentially Weighted Moving Average Schemes Based on Simple Random Sampling and Ranked Set Sampling Techniques. Mathematical Problems in Engineering, 2021, 2021, 1-21.	0.6	3
79	An Assorted Design for Joint Monitoring of Process Parameters: An Efficient Approach for Fuel Consumption. IEEE Access, 2019, 7, 104864-104875.	2.6	2
80	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.	1.1	2
81	Exponentially weighted moving average control charts for monitoring coefficient of variation under ranked set-sampling schemes. Journal of Statistical Computation and Simulation, 2022, 92, 1567-1589.	0.7	2
82	Increasing the Sensitivity of Variability EWMA Control Charts. Lecture Notes in Electrical Engineering, 2011, , 431-443.	0.3	1
83	Monitoring Coefficient of Variation Using Progressive Mean Technique. , 2019, , .		1
84	Directionally sensitive homogeneously weighted moving average control charts. Quality and Reliability Engineering International, 0, , .	1.4	1
85	Multivariate control charts for monitoring process mean vector of individual observations under regularized covariance estimation. Quality Technology and Quantitative Management, 2022, 19, 277-298.	1.1	1
86	Enhancing the detection ability of control charts in profile monitoring by adding RBF ensemble model. Neural Computing and Applications, 0, , 1.	3.2	1
87	Novel Mixed EWMA Dual-Crosier CUSUM Mean Charts without and with Auxiliary Information. Mathematical Problems in Engineering, 2022, 2022, 1-15.	0.6	1
88	Monitoring multivariate coefficient of variation for high‐dimensional processes. Quality and Reliability Engineering International, 2022, 38, 2606-2621.	1.4	1
89	Online monitoring of climatic parameters: a statistical study about environmental changes in Qatar. Qscience Proceedings, 2016, 2016, 42.	0.0	0
90	An Efficient Dispersion Control Chart. Lecture Notes in Electrical Engineering, 2013, , 61-70.	0.3	0