

Saddam Akber Abbasi

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8063992/saddam-akber-abbasi-publications-by-year.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

85
papers

1,236
citations

20
h-index

30
g-index

91
ext. papers

1,451
ext. citations

2.7
avg, IF

5.48
L-index

#	Paper	IF	Citations
85	Novel Mixed EWMA Dual-Crosier CUSUM Mean Charts without and with Auxiliary Information. <i>Mathematical Problems in Engineering</i> , 2022 , 2022, 1-15	1.1	1
84	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	1
83	The use of fast initial response features on the homogeneously weighted moving average chart with estimated parameters under the effect of measurement errors. <i>Quality and Reliability Engineering International</i> , 2021 , 37, 2568-2586	2.6	4
82	Enhanced adaptive multivariate EWMA and CUSUM charts for process mean. <i>Journal of Statistical Computation and Simulation</i> , 2021 , 91, 2361-2382	0.9	4
81	Robust Distribution-Free Hybrid Exponentially Weighted Moving Average Schemes Based on Simple Random Sampling and Ranked Set Sampling Techniques. <i>Mathematical Problems in Engineering</i> , 2021 , 2021, 1-21	1.1	1
80	The exact method for designing the Maxwell chart with estimated parameter. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2021 , 50, 270-281	0.6	1
79	Efficient monitoring of coefficient of variation with an application to chemical reactor process. <i>Quality and Reliability Engineering International</i> , 2021 , 37, 1135-1149	2.6	4
78	A non-parametric double homogeneously weighted moving average control chart under sign statistic. <i>Quality and Reliability Engineering International</i> , 2021 , 37, 1544-1560	2.6	9
77	Bayesian EWMA control charts based on Exponential and transformed Exponential distributions. <i>Quality and Reliability Engineering International</i> , 2021 , 37, 1678-1698	2.6	0
76	One-Sided and Two One-Sided Multivariate Homogeneously Weighted Moving Charts for Monitoring Process Mean. <i>IEEE Access</i> , 2021 , 9, 80388-80404	3.5	1
75	A Novel Simulation-Based Adaptive MEWMA Approach for Monitoring Linear and Logistic Profiles. <i>IEEE Access</i> , 2021 , 9, 124268-124280	3.5	5
74	Run Rules-Based EWMA Charts for Efficient Monitoring of Profile Parameters. <i>IEEE Access</i> , 2021 , 9, 38503-38521	3.5	1
73	On Phase-I Monitoring of Process Location Parameter with Auxiliary Information-Based Median Control Charts. <i>Mathematics</i> , 2020 , 8, 706	2.3	3
72	Performance evaluation of moving average-based EWMA chart for exponentially distributed process 2020 , 43, 365-372		3
71	Enhanced remediation of Cr6+ in bacterial-assisted floating wetlands. <i>Water and Environment Journal</i> , 2020 , 34, 970-978	1.7	4
70	Auxiliary-information-based efficient variability control charts for Phase I of SPC. <i>Quality and Reliability Engineering International</i> , 2020 , 36, 2322-2337	2.6	4
69	New efficient exponentially weighted moving average variability charts based on auxiliary information. <i>Quality and Reliability Engineering International</i> , 2020 , 36, 2203-2224	2.6	7

68	. <i>IEEE Access</i> , 2020 , 8, 120679-120693	3.5	10
67	On designing a sequential based EWMA structure for efficient process monitoring. <i>Journal of Taibah University for Science</i> , 2020 , 14, 177-191	3	5
66	Efficient Control Charts for Monitoring Process CV Using Auxiliary Information. <i>IEEE Access</i> , 2020 , 8, 46135-46192	3.5	10
65	Green Synthesis of MnO Nanoparticles Using Leaf Extract for Biological, Photocatalytic, and Adsorption Activities. <i>Biomolecules</i> , 2020 , 10,	5.9	40
64	On designing an assorted control charting approach to monitor process dispersion: an application to hard-bake process. <i>Journal of Taibah University for Science</i> , 2020 , 14, 65-76	3	2
63	Extensive use of face masks during COVID-19 pandemic: (micro-)plastic pollution and potential health concerns in the Arabian Peninsula. <i>Saudi Journal of Biological Sciences</i> , 2020 , 27, 3181-3186	4	51
62	Efficient linear profile schemes for monitoring bivariate correlated processes with applications in the pharmaceutical industry. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2020 , 206, 104137	3.8	9
61	A New HWMA Dispersion Control Chart with an Application to Wind Farm Data. <i>Mathematics</i> , 2020 , 8, 2136	2.3	11
60	Efficient bivariate EWMA charts for monitoring process dispersion. <i>Quality and Reliability Engineering International</i> , 2020 , 36, 247-267	2.6	5
59	A Multivariate Homogeneously Weighted Moving Average Control Chart. <i>IEEE Access</i> , 2019 , 7, 9586-9597	3.5	33
58	Efficient CV Control Charts Based on Ranked Set Sampling. <i>IEEE Access</i> , 2019 , 7, 78050-78062	3.5	10
57	On improved monitoring of linear profiles under modified successive sampling. <i>Quality and Reliability Engineering International</i> , 2019 , 35, 2202	2.6	14
56	Location charts based on ranked set sampling for normal and non-normal processes. <i>Quality and Reliability Engineering International</i> , 2019 , 35, 1603-1620	2.6	4
55	An Efficient Phase I Analysis of Linear Profiles with Application in Photo-Voltaic System. <i>Arabian Journal for Science and Engineering</i> , 2019 , 44, 2699-2716	2.5	14
54	Multivariate Mixed EWMA-CUSUM Control Chart for Monitoring the Process Variance-Covariance Matrix. <i>IEEE Access</i> , 2019 , 7, 100174-100186	3.5	9
53	On improved dispersion control charts under ranked set schemes for normal and non-normal processes. <i>Quality and Reliability Engineering International</i> , 2019 , 35, 1313-1341	2.6	5
52	An Assorted Design for Joint Monitoring of Process Parameters: An Efficient Approach for Fuel Consumption. <i>IEEE Access</i> , 2019 , 7, 104864-104875	3.5	2
51	An enhanced nonparametric EWMA sign control chart using sequential mechanism. <i>PLoS ONE</i> , 2019 , 14, e0225330	3.7	8

50	On auxiliary information-based control charts for autocorrelated processes with application in manufacturing industry. <i>International Journal of Advanced Manufacturing Technology</i> , 2019 , 100, 1965-1980	3.2	13
49	Enhancing the performance of the EWMA control chart for monitoring the process mean using auxiliary information. <i>Quality and Reliability Engineering International</i> , 2019 , 35, 920-933	2.6	13
48	Phase II monitoring of linear profiles with random explanatory variable under Bayesian framework. <i>Computers and Industrial Engineering</i> , 2019 , 127, 1115-1129	6.4	13
47	Shrinkage estimates of covariance matrices to improve the performance of multivariate cumulative sum control charts. <i>Computers and Industrial Engineering</i> , 2018 , 117, 207-216	6.4	19
46	On efficient estimation strategies in monitoring of linear profiles. <i>International Journal of Advanced Manufacturing Technology</i> , 2018 , 96, 3977-3991	3.2	7
45	Noise pollution in the hospital environment of a developing country: A case study of Lahore (Pakistan). <i>Archives of Environmental and Occupational Health</i> , 2018 , 73, 367-374	2	3
44	On the performance of coefficient of variation control charts in Phase I. <i>Quality and Reliability Engineering International</i> , 2018 , 34, 1029-1040	2.6	7
43	Bayesian Monitoring of Linear Profiles Using DEWMA Control Structures With Random $\$X\$$. <i>IEEE Access</i> , 2018 , 6, 78370-78385	3.5	12
42	Multivariate coefficient of variation control charts in phase I of SPC. <i>International Journal of Advanced Manufacturing Technology</i> , 2018 , 99, 1903-1916	3.2	21
41	On the extended use of auxiliary information under skewness correction for process monitoring. <i>Transactions of the Institute of Measurement and Control</i> , 2017 , 39, 883-897	1.8	19
40	Bivariate Dispersion Control Charts for Monitoring Non-Normal Processes. <i>Quality and Reliability Engineering International</i> , 2017 , 33, 515-529	2.6	8
39	Linear profile monitoring using EWMA structure under ranked set schemes. <i>International Journal of Advanced Manufacturing Technology</i> , 2017 , 91, 2751-2775	3.2	39
38	Mixed EWMA-CUSUM and mixed CUSUM-EWMA modified control charts for monitoring first order autoregressive processes. <i>Quality Technology and Quantitative Management</i> , 2017 , 14, 429-453	1.9	20
37	Poisson progressive mean control chart. <i>Quality and Reliability Engineering International</i> , 2017 , 33, 1855-1859	1.8	18
36	Optimization design of the CUSUM and EWMA charts for autocorrelated processes. <i>Quality and Reliability Engineering International</i> , 2017 , 33, 1827-1841	2.6	5
35	On Model Selection for Autocorrelated Processes in Statistical Process Control. <i>Quality and Reliability Engineering International</i> , 2017 , 33, 867-882	2.6	3
34	On the Efficiency of Runs Rules Schemes for Process Monitoring. <i>Quality and Reliability Engineering International</i> , 2016 , 32, 663-671	2.6	3
33	Online monitoring of climatic parameters: a statistical study about environmental changes in Qatar. <i>Qscience Proceedings</i> , 2016 , 2016, 42		

32	On Effective Dual Use of Auxiliary Information in Variability Control Charts. <i>Quality and Reliability Engineering International</i> , 2016 , 32, 1417-1443	2.6	32
31	On Dual Use of Auxiliary Information for Efficient Monitoring. <i>Quality and Reliability Engineering International</i> , 2016 , 32, 705-714	2.6	33
30	On Efficient Skewness Correction Charts Under Contamination and Non-normality. <i>Quality and Reliability Engineering International</i> , 2016 , 32, 837-854	2.6	7
29	Nonparametric Double EWMA Control Chart for Process Monitoring. <i>Revista Colombiana De Estadística</i> , 2016 , 39, 167	0.4	23
28	A New EWMA Control Chart for Monitoring Poisson Observations. <i>Quality and Reliability Engineering International</i> , 2016 , 32, 3023-3033	2.6	20
27	Exponentially Weighted Moving Average Chart and Two-Component Measurement Error. <i>Quality and Reliability Engineering International</i> , 2016 , 32, 499-504	2.6	18
26	Analysis of factors affecting employee satisfaction: A case study from Pakistan. <i>Work</i> , 2015 , 52, 137-52	1.6	4
25	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	3.2	12
24	On the Performance of Phase I Dispersion Control Charts for Process Monitoring. <i>Quality and Reliability Engineering International</i> , 2015 , 31, 1705-1716	2.6	20
23	EWMA Dispersion Control Charts for Normal and Non-normal Processes. <i>Quality and Reliability Engineering International</i> , 2015 , 31, 1691-1704	2.6	35
22	On efficient phase II process monitoring charts. <i>International Journal of Advanced Manufacturing Technology</i> , 2014 , 70, 2263-2274	3.2	23
21	On efficient use of auxiliary information for control charting in SPC. <i>Computers and Industrial Engineering</i> , 2014 , 67, 173-184	6.4	42
20	Monitoring analytical measurements in presence of two component measurement error. <i>Journal of Analytical Chemistry</i> , 2014 , 69, 1023-1029	1.1	8
19	On efficient median control charting 2014 , 37, 358-375		50
18	On median control charting under double sampling scheme. <i>European Journal of Industrial Engineering</i> , 2014 , 8, 478	1.1	20
17	The Use of Probability Limits of COMBoisson Charts and their Applications. <i>Quality and Reliability Engineering International</i> , 2013 , 29, 759-770	2.6	18
16	On monitoring process variability under double sampling scheme. <i>International Journal of Production Economics</i> , 2013 , 142, 388-400	9.3	56
15	Nonparametric Progressive Mean Control Chart for Monitoring Process Target. <i>Quality and Reliability Engineering International</i> , 2013 , 29, 1069-1080	2.6	37

14	MDEWMA chart: an efficient and robust alternative to monitor process dispersion. <i>Journal of Statistical Computation and Simulation</i> , 2013 , 83, 247-268	0.9	49
13	On the Performance of Auxiliary-based Control Charting under Normality and Nonnormality with Estimation Effects. <i>Quality and Reliability Engineering International</i> , 2013 , 29, 1165-1179	2.6	44
12	An Efficient Dispersion Control Chart. <i>Lecture Notes in Electrical Engineering</i> , 2013 , 61-70	0.2	
11	A new nonparametric EWMA sign control chart. <i>Expert Systems With Applications</i> , 2012 , 39, 8503	7.8	15
10	On Proper Choice of Variability Control Chart for Normal and Non-normal Processes. <i>Quality and Reliability Engineering International</i> , 2012 , 28, 279-296	2.6	67
9	Enhancing the performance of CUSUM scale chart. <i>Computers and Industrial Engineering</i> , 2012 , 63, 400-409	4.4	35
8	Increasing the Sensitivity of Variability EWMA Control Charts. <i>Lecture Notes in Electrical Engineering</i> , 2011 , 431-443	0.2	1
7	On the Performance of EWMA Chart in the Presence of Two-Component Measurement Error. <i>Quality Engineering</i> , 2010 , 22, 199-213	1.4	35
6	Gini's Mean Difference Based Time-Varying EWMA Charts. <i>Economic Quality Control</i> , 2009 , 24,		2
5	Enhancing the detection ability of control charts in profile monitoring by adding RBF ensemble model. <i>Neural Computing and Applications</i> , 1	4.8	
4	Exponentially weighted moving average control charts for monitoring coefficient of variation under ranked set-sampling schemes. <i>Journal of Statistical Computation and Simulation</i> , 1-23	0.9	1
3	Multivariate control charts for monitoring process mean vector of individual observations under regularized covariance estimation. <i>Quality Technology and Quantitative Management</i> , 1-22	1.9	
2	Efficient homogeneously weighted dispersion control charts with an application to distillation process. <i>Quality and Reliability Engineering International</i> ,	2.6	2
1	Efficient GLM-based control charts for Poisson processes. <i>Quality and Reliability Engineering International</i> ,	2.6	4