

Subhabrata Chakraborti

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

2,393
citations

304743

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233421

45
g-index

63
all docs

63
docs citations

63
times ranked

1418
citing authors

#	ARTICLE	IF	CITATIONS
1	Nontuberculous Mycobacteria. American Journal of Respiratory and Critical Care Medicine, 2003, 167, 828-834.	5.6	595
2	Nonparametric Statistical Inference. , 0, , .		183
3	Phase I Statistical Process Control Charts: An Overview and Some Results. Quality Engineering, 2008, 21, 52-62.	1.1	137
4	Nonparametric (distribution-free) control charts: An updated overview and some results. Quality Engineering, 2019, 31, 523-544.	1.1	102
5	A New Distribution-free Control Chart for Joint Monitoring of Unknown Location and Scale Parameters of Continuous Distributions. Quality and Reliability Engineering International, 2014, 30, 191-204.	2.3	89
6	A Distribution-free Control Chart for the Joint Monitoring of Location and Scale. Quality and Reliability Engineering International, 2012, 28, 335-352.	2.3	88
7	Distribution-free exponentially weighted moving average control charts for monitoring unknown location. Computational Statistics and Data Analysis, 2012, 56, 2539-2561.	1.2	86
8	A Nonparametric EWMA Sign Chart for Location Based on Individual Measurements. Quality Engineering, 2011, 23, 227-241.	1.1	74
9	Distribution-free Phase II CUSUM Control Chart for Joint Monitoring of Location and Scale. Quality and Reliability Engineering International, 2015, 31, 135-151.	2.3	72
10	A nonparametric exponentially weighted moving average signed-rank chart for monitoring location. Computational Statistics and Data Analysis, 2011, 55, 2490-2503.	1.2	71
11	A phase II nonparametric control chart based on precedence statistics with runs-type signaling rules. Computational Statistics and Data Analysis, 2009, 53, 1054-1065.	1.2	56
12	Design and implementation of CUSUM exceedance control charts for unknown location. International Journal of Production Research, 2014, 52, 5546-5564.	7.5	55
13	Parameter estimation and design considerations in prospective applications of the \bar{X} chart. Journal of Applied Statistics, 2006, 33, 439-459.	1.3	53
14	Optimal design of the double sampling chart with estimated parameters based on median run length. Computers and Industrial Engineering, 2014, 67, 104-115.	6.3	49
15	A Phase I nonparametric Shewhart-type control chart based on the median. Journal of Applied Statistics, 2010, 37, 1795-1813.	1.3	48
16	Shewhart control charts for dispersion adjusted for parameter estimation. IISE Transactions, 2017, 49, 838-848.	2.4	41
17	Two perspectives for designing a phase II control chart with estimated parameters: The case of the Shewhart \bar{X} Chart. Journal of Quality Technology, 2020, 52, 198-217.	2.5	38
18	Phase II Shewhart-type Control Charts for Monitoring Times Between Events and Effects of Parameter Estimation. Quality and Reliability Engineering International, 2016, 32, 315-328.	2.3	33

#	ARTICLE	IF	CITATIONS
19	Properties and performance of the \bar{c} -chart for attributes data. <i>Journal of Applied Statistics</i> , 2008, 35, 89-100.	1.3	29
20	Design and implementation issues for a class of distribution-free Phase II EWMA exceedance control charts. <i>International Journal of Production Research</i> , 2017, 55, 2397-2430.	7.5	28
21	An overview of synthetic-type control charts: Techniques and methodology. <i>Quality and Reliability Engineering International</i> , 2019, 35, 2081-2096.	2.3	26
22	Shewhart-type control charts for variation in phase I data analysis. <i>Computational Statistics and Data Analysis</i> , 2010, 54, 863-874.	1.2	25
23	Editorial to the Special Issue: Nonparametric Statistical Process Control Charts. <i>Quality and Reliability Engineering International</i> , 2015, 31, 1-2.	2.3	25
24	Precedence tests and Lehmann alternatives. <i>Statistical Papers</i> , 2001, 42, 301-312.	1.2	24
25	Joint Shewhart control charts for location and scale monitoring in finite horizon processes. <i>Computers and Industrial Engineering</i> , 2016, 101, 427-439.	6.3	24
26	Distribution-free precedence control charts with improved runs rules. <i>Applied Stochastic Models in Business and Industry</i> , 2016, 32, 423-439.	1.5	21
27	An adaptive exponentially weighted moving average-type control chart to monitor the process mean. <i>European Journal of Operational Research</i> , 2019, 279, 902-911.	5.7	21
28	\bar{X} -Chart with Estimated Parameters: The Conditional \bar{X} -ARL Distribution and New Insights. <i>Production and Operations Management</i> , 2019, 28, 1545-1557.	3.8	20
29	A median run length-based double-sampling \bar{X} -chart with estimated parameters for minimizing the average sample size. <i>International Journal of Advanced Manufacturing Technology</i> , 2015, 80, 411-426.	3.0	18
30	Higher-Order Moments Using the Survival Function: The Alternative Expectation Formula. <i>American Statistician</i> , 2019, 73, 191-194.	1.6	18
31	A distribution-free Shewhart-type Mann-Whitney control chart for monitoring finite horizon productions. <i>International Journal of Production Research</i> , 2021, 59, 6069-6086.	7.5	18
32	Bayesian Monitoring of Times Between Events: The Shewharttr-Chart. <i>Journal of Quality Technology</i> , 2017, 49, 136-154.	2.5	15
33	Boxplot-based phase I control charts for time between events. <i>Quality and Reliability Engineering International</i> , 2012, 28, 123-130.	2.3	14
34	Outlier detection for multivariate skew-normal data: a comparative study. <i>Journal of Statistical Computation and Simulation</i> , 2013, 83, 773-783.	1.2	13
35	Power of depth-based nonparametric tests for multivariate locations. <i>Journal of Statistical Computation and Simulation</i> , 2015, 85, 1987-2006.	1.2	13
36	An alternative design of the two-sided CUSUM chart for monitoring the mean when parameters are estimated. <i>Computers and Industrial Engineering</i> , 2019, 137, 106042.	6.3	13

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37	Guaranteed in-control performance of the EWMA chart for monitoring the mean. Quality and Reliability Engineering International, 2019, 35, 1144-1160.	2.3	13
38	Monitoring the Process Mean When Standards Are Unknown: A Classic Problem Revisited. Quality and Reliability Engineering International, 2016, 32, 609-622.	2.3	10
39	Effects of Parameter Estimation on the Multivariate Distribution-free Phase II Sign EWMA Chart. Quality and Reliability Engineering International, 2017, 33, 431-449.	2.3	8
40	A bibliometric analysis of 50 years of worldwide research on statistical process control. Gestão & Produção, 2016, 23, 853-870.	0.5	7
41	Exact two-sided statistical tolerance limits for sample variances. Quality and Reliability Engineering International, 2018, 34, 1238-1253.	2.3	7
42	The Phase I Dispersion Charts for Bivariate Process Monitoring. Quality and Reliability Engineering International, 2016, 32, 1807-1823.	2.3	5
43	On the Performance of Phase I Bivariate Dispersion Charts to Non-Normality. Quality and Reliability Engineering International, 2017, 33, 637-656.	2.3	5
44	Design of variance control charts with estimated parameters: A head to head comparison between two perspectives. Journal of Quality Technology, 2022, 54, 249-268.	2.5	5
45	Phase I process monitoring: The case of the balanced one-way random effects model. Quality and Reliability Engineering International, 2021, 37, 1244-1265.	2.3	5
46	Phase I monitoring of individual normal data: Design and implementation. Quality Engineering, 2021, 33, 443-456.	1.1	5
47	A COMPARISON OF PHASE I CONTROL CHARTS. South African Journal of Industrial Engineering, 2015, 26, 178.	0.2	5
48	Phase II exponential charts for monitoring time between events data: performance analysis using exact conditional average time to signal distribution. Journal of Statistical Computation and Simulation, 0, 1-30.	1.2	5
49	The performance of the Shewhart sign control chart for finite horizon processes. International Journal of Advanced Manufacturing Technology, 2016, 84, 1497.	3.0	4
50	Designing Phase I Shewhart \bar{X} -charts: Extended tables and software. Quality and Reliability Engineering International, 2017, 33, 2667-2672.	2.3	4
51	Approximate two-sided tolerance interval for sample variances. Quality Engineering, 2020, 32, 10-24.	1.1	4
52	Shewhart-type Phase II control charts for monitoring times to an event with a guaranteed in-control and good out-of-control performance. Quality and Reliability Engineering International, 2020, 36, 231-246.	2.3	4
53	Phase II process monitoring for the balanced one-way random effects model. Quality and Reliability Engineering International, 2021, 37, 2535-2554.	2.3	2
54	Statistical design of ATS-unbiased charts with runs rules for monitoring exponential time between events. Communications in Statistics - Theory and Methods, 2024, 53, 815-833.	1.0	2

#	ARTICLE	IF	CITATIONS
55	Pattern detection in phase I monitoring using runs-based tests. Communications in Statistics Part B: Simulation and Computation, 0, , 1-17.	1.2	1
56	Nonparametric Statistical Process Control Chartsâ€”A Special Issue of QREI. Quality and Reliability Engineering International, 2013, 29, 617-617.	2.3	0
57	A sequential test for assessing observed agreement between raters. Biometrical Journal, 2018, 60, 128-145.	1.0	0
58	Tolerance interval for the exponential distribution with a specified ratio of the tail probabilities and generalizations. Quality Engineering, 0, , 1-15.	1.1	0