Subhabrata Chakraborti

List of Publications by Year
in descending order

58 papers	2,393 citations	22 h-index (304743)	45 g-index (233421)
63 all docs	63 docs citations	63 times ranked	1418 citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	A distribution-free Shewhart-type Mann–Whitney control chart for monitoring finite horizon productions. International Journal of Production Research, 2021, 59, 6069-6086.	7.5	18
4	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
5	Phase II process monitoring for the balanced one–way random effects model. Quality and Reliability Engineering International, 2021, 37, 2535-2554.	2.3	2
6	Phase I monitoring of individual normal data: Design and implementation. Quality Engineering, 2021, 33, 443-456.	1.1	5
7	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
8	Approximate two-sided tolerance interval for sample variances. Quality Engineering, 2020, 32, 10-24.	1.1	4
9	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
10	An adaptive exponentially weighted moving average-type control chart to monitor the process mean. European Journal of Operational Research, 2019, 279, 902-911.	5.7	21
11	An alternative design of the two-sided CUSUM chart for monitoring the mean when parameters are estimated. Computers and Industrial Engineering, 2019, 137, 106042.	6.3	13
12	Guaranteed in–control performance of the EWMA chart for monitoring the mean. Quality and Reliability Engineering International, 2019, 35, 1144-1160.	2.3	13
13	An overview of synthetic–type control charts: Techniques and methodology. Quality and Reliability Engineering International, 2019, 35, 2081-2096.	2.3	26
14	Nonparametric (distribution-free) control charts: An updated overview and some results. Quality Engineering, 2019, 31, 523-544.	1.1	102
15	$\bar{X}$ Chart with Estimated Parameters: The Conditional *ARL* Distribution and New Insights. Production and Operations Management, 2019, 28, 1545-1557.	3.8	20
16	Higher-Order Moments Using the Survival Function: The Alternative Expectation Formula. American Statistician, 2019, 73, 191-194.	1.6	18
17	A sequential test for assessing observed agreement between raters. Biometrical Journal, 2018, 60, 128-145.	1.0	0
18	Exact two–sided statistical tolerance limits for sample variances. Quality and Reliability Engineering International, 2018, 34, 1238-1253.	2.3	7

#	Article	IF	Citations
19	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
20	On the Performance of Phase‐I Bivariate Dispersion Charts to Non‐Normality. Quality and Reliability Engineering International, 2017, 33, 637-656.	2.3	5
21	Shewhart control charts for dispersion adjusted for parameter estimation. IISE Transactions, 2017, 49, 838-848.	2.4	41
22	Designing Phase I Shewhart XÂ¯charts: Extended tables and software. Quality and Reliability Engineering International, 2017, 33, 2667-2672.	2.3	4
23	Design and implementation issues for a class of distribution-free Phase II EWMA exceedance control charts. International Journal of Production Research, 2017, 55, 2397-2430.	7.5	28
24	Bayesian Monitoring of Times Between Events: The Shewharttr-Chart. Journal of Quality Technology, 2017, 49, 136-154.	2.5	15
25	The performance of the Shewhart sign control chart for finite horizon processes. International Journal of Advanced Manufacturing Technology, 2016, 84, 1497.	3.0	4
26	A bibliometric analysis of 50 years of worldwide research on statistical process control. GestÃ£o & ProduÃ§Ã£o, 2016, 23, 853-870.	0.5	7
27	The Phase I Dispersion Charts for Bivariate Process Monitoring. Quality and Reliability Engineering International, 2016, 32, 1807-1823.	2.3	5
28	Joint Shewhart control charts for location and scale monitoring in finite horizon processes. Computers and Industrial Engineering, 2016, 101, 427-439.	6.3	24
29	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
30	Distribution‐free precedence control charts with improved runs‐rules. Applied Stochastic Models in Business and Industry, 2016, 32, 423-439.	1.5	21
31	Monitoring the Process Mean When Standards Are Unknown: A Classic Problem Revisited. Quality and Reliability Engineering International, 2016, 32, 609-622.	2.3	10
32	Power of depth-based nonparametric tests for multivariate locations. Journal of Statistical Computation and Simulation, 2015, 85, 1987-2006.	1.2	13
33	Editorial to the Special Issue: Nonparametric Statistical Process Control Charts. Quality and Reliability Engineering International, 2015, 31, 1-2.	2.3	25
34	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
35	A median run length-based double-sampling X Â¯ $$ overline{X} $$ chart with estimated parameters for minimizing the average sample size. International Journal of Advanced Manufacturing Technology, 2015, 80, 411-426.	3.0	18
36	A COMPARISON OF PHASE I CONTROL CHARTS. South African Journal of Industrial Engineering, 2015, 26, 178.	0.2	5

#	Article	IF	Citations
37	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
38	Design and implementation of CUSUM exceedance control charts for unknown location. International Journal of Production Research, 2014, 52, 5546-5564.	7.5	55
39	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
40	Outlier detection for multivariate skew-normal data: a comparative study. Journal of Statistical Computation and Simulation, 2013, 83, 773-783.	1.2	13
41	Nonparametric Statistical Process Control Charts-A Special Issue of QREI. Quality and Reliability Engineering International, 2013, 29, 617-617.	2.3	0
42	Boxplot-based phase I control charts for time between events. Quality and Reliability Engineering International, 2012, 28, 123-130.	2.3	14
43	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
44	Distribution-free exponentially weighted moving average control charts for monitoring unknown location. Computational Statistics and Data Analysis, 2012, 56, 2539-2561.	1.2	86
45	A Nonparametric EWMA Sign Chart for Location Based on Individual Measurements. Quality Engineering, 2011, 23, 227-241.	1.1	74
46	A nonparametric exponentially weighted moving average signed-rank chart for monitoring location. Computational Statistics and Data Analysis, 2011, 55, 2490-2503.	1.2	71
47	Shewhart-type control charts for variation in phase I data analysis. Computational Statistics and Data Analysis, 2010, 54, 863-874.	1.2	25
48	A Phase I nonparametric Shewhart-type control chart based on the median. Journal of Applied Statistics, 2010, 37, 1795-1813.	1.3	48
49	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
50	Properties and performance of the c-chart for attributes data. Journal of Applied Statistics, 2008, 35, 89-100.	1.3	29
51	Phase I Statistical Process Control Charts: An Overview and Some Results. Quality Engineering, 2008, 21, 52-62.	1.1	137
52	Parameter estimation and design considerations in prospective applications of the $\bar{X}$ chart. Journal of Applied Statistics, 2006, 33, 439-459.	1.3	53
53	Nontuberculous Mycobacteria. American Journal of Respiratory and Critical Care Medicine, 2003, 167, 828-834.	5.6	595
54	Precedence tests and Lehmann alternatives. Statistical Papers, 2001, 42, 301-312.	1.2	24

#	Article	IF	Citations
55	Nonparametric Statistical Inference. , 0, , .		183
56	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
57	Tolerance interval for the exponential distribution with a specified ratio of the tail probabilities and generalizations. Quality Engineering, 0, , 1-15.	1.1	0
58	Pattern detection in phase I monitoring using runs-based tests. Communications in Statistics Part B: Simulation and Computation, 0, , 1-17.	1.2	1