

Amitava Mukherjee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1178805/publications.pdf>

Version: 2024-02-01

85
papers

1,847
citations

304743

22
h-index

289244

40
g-index

85
all docs

85
docs citations

85
times ranked

1019
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonparametric Phase-II control charts for monitoring high-dimensional processes with unknown parameters. <i>Journal of Quality Technology</i> , 2022, 54, 44-64.	2.5	28
2	An assessment of the effect of using different mappings and Minkowski distances in joint monitoring of the time-between-event processes. <i>Journal of Computational and Applied Mathematics</i> , 2022, 404, 113776.	2.0	3
3	Two CUSUM schemes for simultaneous monitoring of unknown parameters of a shifted exponential process and its application in monitoring of call durations in telemarketing. <i>Quality Technology and Quantitative Management</i> , 2022, 19, 113-137.	1.9	4
4	Nonparametric multivariate covariance chart for monitoring individual observations. <i>Computers and Industrial Engineering</i> , 2022, 167, 108025.	6.3	6
5	A distribution-free procedure for testing versatile alternative in medical multisample comparison studies. <i>Statistics in Medicine</i> , 2022, , .	1.6	1
6	Proposed nonparametric runs rules Lepage and synthetic Lepage schemes. <i>Computers and Industrial Engineering</i> , 2022, 172, 108217.	6.3	1
7	Comparisons of some memory-type control chart for monitoring Weibull-distributed time between events and some new results. <i>Quality and Reliability Engineering International</i> , 2022, 38, 3598-3615.	2.3	3
8	A new nonparametric adaptive EWMA procedures for monitoring location and scale shifts via weighted Cucconi statistic. <i>Computers and Industrial Engineering</i> , 2022, 170, 108321.	6.3	9
9	Some robust approaches based on copula for monitoring bivariate processes and component-wise assessment. <i>European Journal of Operational Research</i> , 2021, 289, 177-196.	5.7	18
10	Phase-II monitoring of exponentially distributed process based on Type-II censored data for a possible shift in location-scale. <i>Journal of Computational and Applied Mathematics</i> , 2021, 389, 113315.	2.0	6
11	Simultaneous monitoring of origin and scale of a shifted exponential process with unknown and estimated parameters. <i>Quality and Reliability Engineering International</i> , 2021, 37, 242-261.	2.3	7
12	Two economically optimized nonparametric schemes for monitoring process variability. <i>Quality and Reliability Engineering International</i> , 2021, 37, 1939-1955.	2.3	5
13	A class of new nonparametric circular-grid charts for signal classification. <i>Quality and Reliability Engineering International</i> , 2021, 37, 2738-2759.	2.3	5
14	A comprehensive distribution-free scheme for tri-Aspect surveillance of complex processes. <i>Applied Stochastic Models in Business and Industry</i> , 2021, 37, 1157-1181.	1.5	4
15	Distribution-free double exponentially and homogeneously weighted moving average Lepage schemes with an application in monitoring exit rate. <i>Computers and Industrial Engineering</i> , 2021, 161, 107370.	6.3	14
16	Two new distribution-free two-sample tests for versatile alternative. <i>Statistics</i> , 2021, 55, 1123-1153.	0.6	4
17	Distribution-free precedence schemes with a generalized runs-rule for monitoring unknown location. <i>Communications in Statistics - Theory and Methods</i> , 2020, 49, 4996-5027.	1.0	9
18	An improved design of exponentially weighted moving average scheme for monitoring attributes. <i>International Journal of Production Research</i> , 2020, 58, 931-946.	7.5	12

#	ARTICLE	IF	CITATIONS
19	Some simplified Shewhart-type distribution-free joint monitoring schemes and its application in monitoring drinking water turbidity. <i>Quality Engineering</i> , 2020, 32, 91-110.	1.1	16
20	Interpoint distance tests for high-dimensional comparison studies. <i>Journal of Applied Statistics</i> , 2020, 47, 653-665.	1.3	19
21	Distribution-free simultaneous tests for location-scale and Lehmann alternative in two-sample problem. <i>Biometrical Journal</i> , 2020, 62, 99-123.	1.0	10
22	A class of distribution-free one-sided Cucconi schemes for joint surveillance of location and scale parameters and their application in monitoring cab services. <i>Computers and Industrial Engineering</i> , 2020, 148, 106625.	6.3	6
23	Performance comparisons of distribution-free Shewhart-type Lepage and Cucconi schemes in monitoring complex process distributions. <i>Transactions of the Institute of Measurement and Control</i> , 2020, 42, 2787-2811.	1.7	6
24	Distribution-free hybrid schemes for process surveillance with application in monitoring chlorine content of water. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2020, 206, 104099.	3.5	2
25	A new distribution-free Phase-I procedure for bi-aspect monitoring based on the multi-sample Cucconi statistic. <i>Computers and Industrial Engineering</i> , 2020, 149, 106760.	6.3	10
26	An efficient approach of designing distribution-free exponentially weighted moving average schemes with dynamic fast initial response for joint monitoring of location and scale. <i>Journal of Statistical Computation and Simulation</i> , 2020, 90, 2329-2353.	1.2	14
27	A Class of Distribution-Free Exponentially Weighted Moving Average Schemes for Joint Monitoring of Location and Scale Parameters. , 2020, , 183-217.		10
28	A class of percentile modified Lepage-type tests. <i>Metrika</i> , 2019, 82, 657-689.	0.8	4
29	Comparisons of some distribution-free CUSUM and EWMA schemes and their applications in monitoring impurity in mining process flotation. <i>Computers and Industrial Engineering</i> , 2019, 137, 106059.	6.3	16
30	A distribution-free Phase I monitoring scheme for subgroup location and scale based on the multi-sample Lepage statistic. <i>Computers and Industrial Engineering</i> , 2019, 129, 259-273.	6.3	28
31	Some simultaneous progressive monitoring schemes for the two parameters of a zero-inflated Poisson process under unknown shifts. <i>Journal of Quality Technology</i> , 2019, 51, 257-283.	2.5	9
32	Nonparametric cost-minimized Shewhart-type process monitoring with restricted false alarm probability. <i>Quality and Reliability Engineering International</i> , 2019, 35, 1846-1865.	2.3	3
33	A comparative study of some EWMA schemes for simultaneous monitoring of mean and variance of a Gaussian process. <i>Computers and Industrial Engineering</i> , 2019, 135, 426-439.	6.3	17
34	A combination of max-type and distance based schemes for simultaneous monitoring of time between events and event magnitudes. <i>Quality and Reliability Engineering International</i> , 2019, 35, 368-384.	2.3	17
35	Design and comparison of some Shewhart-type schemes for simultaneous monitoring of Weibull parameters. <i>Quality and Reliability Engineering International</i> , 2019, 35, 889-901.	2.3	10
36	Optimizing joint location-scale monitoring – An adaptive distribution-free approach with minimal loss of information. <i>European Journal of Operational Research</i> , 2019, 274, 1019-1036.	5.7	26

#	ARTICLE	IF	CITATIONS
37	A new nonparametric scheme for simultaneous monitoring of bivariate processes and its application in monitoring service quality. <i>Quality Technology and Quantitative Management</i> , 2018, 15, 143-156.	1.9	11
38	Optimal design of Shewhart-Lepage type schemes and its application in monitoring service quality. <i>European Journal of Operational Research</i> , 2018, 266, 147-167.	5.7	47
39	Some distribution-free Lepage-type schemes for simultaneous monitoring of one-sided shifts in location and scale. <i>Computers and Industrial Engineering</i> , 2018, 115, 653-669.	6.3	29
40	Distribution-free EWMA schemes for simultaneous monitoring of time between events and event magnitude. <i>Computers and Industrial Engineering</i> , 2018, 126, 317-336.	6.3	15
41	Two CUSUM schemes for simultaneous monitoring of parameters of a shifted exponential time to events. <i>Quality and Reliability Engineering International</i> , 2018, 34, 1158-1173.	2.3	18
42	On compounded geometric distributions and their applications. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2017, 46, 1715-1734.	1.2	5
43	A distribution-free phase-II CUSUM procedure for monitoring service quality. <i>Total Quality Management and Business Excellence</i> , 2017, 28, 1227-1263.	3.8	53
44	Distribution-free Lepage Type Circular-grid Charts for Joint Monitoring of Location and Scale Parameters of a Process. <i>Quality and Reliability Engineering International</i> , 2017, 33, 241-274.	2.3	40
45	Distribution-free phase-II exponentially weighted moving average schemes for joint monitoring of location and scale based on subgroup samples. <i>International Journal of Advanced Manufacturing Technology</i> , 2017, 92, 101-116.	3.0	29
46	Simultaneously monitoring frequency and magnitude of events based on bivariate gamma distribution. <i>Journal of Statistical Computation and Simulation</i> , 2017, 87, 1723-1741.	1.2	15
47	Distribution-free Shewhart-Lepage type premier control schemes for simultaneous monitoring of location and scale. <i>Computers and Industrial Engineering</i> , 2017, 104, 201-215.	6.3	34
48	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
49	Nonparametric EWMA chart for simultaneous monitoring of event frequency and magnitude. , 2017, , .		0
50	Design and Implementation of Two CUSUM Schemes for Simultaneously Monitoring the Process Mean and Variance with Unknown Parameters. <i>Quality and Reliability Engineering International</i> , 2016, 32, 2961-2975.	2.3	23
51	Nonparametric partially random sequential test under Phase II sampling: An illustration to monitor water samples for arsenic contamination. <i>Sequential Analysis</i> , 2016, 35, 465-488.	0.5	1
52	Optimal design of a distribution-free quality control scheme for cost-efficient monitoring of unknown location. <i>International Journal of Production Research</i> , 2016, 54, 7259-7273.	7.5	22
53	Estimation procedures for grouped data - a comparative study. <i>Journal of Applied Statistics</i> , 2016, 43, 2110-2130.	1.3	2
54	Robust algorithms for economic designing of a nonparametric control chart for abrupt shift in location. <i>Journal of Statistical Computation and Simulation</i> , 2016, 86, 306-323.	1.2	19

#	ARTICLE	IF	CITATIONS
55	Control Charts for Simultaneous Monitoring of Parameters of a Shifted Exponential Distribution. Journal of Quality Technology, 2015, 47, 176-192.	2.5	42
56	Groundwater arsenic contamination in Bangladesh—21 Years of research. Journal of Trace Elements in Medicine and Biology, 2015, 31, 237-248.	3.0	130
57	Comparisons of Shewhart-type rank based control charts for monitoring location parameters of univariate processes. International Journal of Production Research, 2015, 53, 4414-4445.	7.5	30
58	Editorial to the Special Issue: Nonparametric Statistical Process Control Charts. Quality and Reliability Engineering International, 2015, 31, 1-2.	2.3	25
59	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
60	One Hotelling T^2 chart based on transformed data for simultaneous monitoring the frequency and magnitude of an event. , 2014, , .		4
61	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
62	Design and implementation of CUSUM exceedance control charts for unknown location. International Journal of Production Research, 2014, 52, 5546-5564.	7.5	55
63	A rule of thumb for testing symmetry about an unknown median against a long right tail. Journal of Statistical Computation and Simulation, 2014, 84, 2138-2155.	1.2	4
64	Economic Design of a Nonparametric Control Chart for Shift in Location. , 2014, , .		1
65	Nonparametric Phase-II monitoring for detecting monotone trend based on inverse sampling. Statistical Methods and Applications, 2013, 22, 131-153.	1.2	4
66	Distribution-Free Exceedance CUSUM Control Charts for Location. Communications in Statistics Part B: Simulation and Computation, 2013, 42, 1153-1187.	1.2	54
67	Control Charts for Simultaneous Monitoring of Unknown Mean and Variance of Normally Distributed Processes. Journal of Quality Technology, 2013, 45, 360-376.	2.5	40
68	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
69	Distribution-free exponentially weighted moving average control charts for monitoring unknown location. Computational Statistics and Data Analysis, 2012, 56, 2539-2561.	1.2	86
70	A Near-Nonparametric Partially Sequential Test for Monitoring Phase II Location Under Pairwise Dependence Between Two Phases. Sequential Analysis, 2011, 30, 208-228.	0.5	6
71	Some partially sequential nonparametric tests for detecting linear trend. Journal of Statistical Planning and Inference, 2011, 141, 2645-2655.	0.6	7
72	Simultaneous semi-sequential testing of dual alternatives for pattern recognition. Journal of Applied Statistics, 2011, 38, 399-419.	1.3	6

#	ARTICLE	IF	CITATIONS
73	Semi-Sequential One-Shot Monitoring of Small Disorders With Controlled Type I Error Rate. Communications in Statistics - Theory and Methods, 2010, 39, 2829-2847.	1.0	4
74	Some Rank-Based Two-Phase Procedures in Sequential Monitoring of Exchange Rate. Sequential Analysis, 2009, 28, 137-162.	0.5	6
75	Simultaneous tests for patterned recognition using nonparametric partially sequential procedure. Statistical Methodology, 2008, 5, 535-551.	0.5	9
76	Geostatistical analysis of arsenic concentration in the groundwater of Malda district of West Bengal, India. Frontiers of Earth Science, 2008, 2, 292-301.	0.5	10
77	Controlling Type-I Error Rate in Monitoring Structural Changes Using Partially Sequential Procedures. Communications in Statistics Part B: Simulation and Computation, 2008, 37, 466-485.	1.2	11
78	Nonparametric Partial Sequential Test for Location Shift at an Unknown Time Point. Sequential Analysis, 2007, 26, 99-113.	0.5	15
79	Nonparametric Partial Sequential Tests for Patterned Alternatives in Multisample Problems. Sequential Analysis, 2007, 26, 443-466.	0.5	13
80	Adsorption Studies with Arsenic onto Ferric Hydroxide Gel in a Non-oxidizing Environment: the Effect of Co-occurring Solutes and Speciation. Water Quality Research Journal of Canada, 2006, 41, 333-340.	2.7	5
81	Arsenic contamination in groundwater: a global perspective with emphasis on the Asian scenario. Journal of Health, Population and Nutrition, 2006, 24, 142-63.	2.0	273
82	Distribution-free Phase-I scheme for location, scale and skewness shifts with an application in monitoring customers' waiting time. Journal of Applied Statistics, 0, , 1-21.	1.3	3
83	A synthetic multivariate exponentially weighted moving average scheme for monitoring of bivariate Gamma distributed processes. Quality and Reliability Engineering International, 0, , .	2.3	0
84	Performance of the Shiryayev-Roberts type scheme in comparison to the CUSUM and EWMA schemes in monitoring weibull scale parameter based on Type I censored data. Quality and Reliability Engineering International, 0, , .	2.3	2
85	Some two-sample tests for simultaneously comparing both parameters of the shifted exponential models. Communications in Statistics - Theory and Methods, 0, , 1-33.	1.0	0