

Murat Caner Testik

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

941
citations

566801

15
h-index

454577

30
g-index

38
all docs

38
docs citations

38
times ranked

719
citing authors

#	ARTICLE	IF	CITATIONS
1	Supplier management by distributing orders among new and existing suppliers: the methodology and its application to a fast fashion company. <i>Journal of Fashion Marketing and Management</i> , 2022, 26, 813-831.	1.5	1
2	Digital twins in manufacturing: systematic literature review for physicalâ€“digital layer categorization and future research directions. <i>International Journal of Computer Integrated Manufacturing</i> , 2022, 35, 679-705.	2.9	14
3	On the design of Shewhart control charts for count time series under estimation uncertainty. <i>Computers and Industrial Engineering</i> , 2021, 157, 107331.	3.4	6
4	Change points of real GDP per capita time series corresponding to the periods of industrial revolutions. <i>Technological Forecasting and Social Change</i> , 2021, 170, 120911.	6.2	7
5	Guidelines for automating Phase I of control charts by considering effects on Phase-II performance of individuals control chart. <i>Quality Engineering</i> , 2020, 32, 223-243.	0.7	19
6	Discussion on â€œExperiences with big data: Accounts from a data scientistâ€™s perspectiveâ€œ. <i>Quality Engineering</i> , 2020, 32, 553-555.	0.7	1
7	An algorithmic approach to outlier detection and parameter estimation in Phase I for designing Phase II EWMA control chart. <i>Computers and Industrial Engineering</i> , 2020, 144, 106440.	3.4	7
8	Riskâ€“based metrics for performance evaluation of control charts. <i>Quality and Reliability Engineering International</i> , 2019, 35, 280-291.	1.4	3
9	Overall equipment effectiveness when production speeds and stoppage durations are uncertain. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 95, 121-130.	1.5	23
10	Effectiveness of phase I applications for identifying randomly scattered outâ€“ofâ€“control observations and estimating control chart parameters. <i>Quality and Reliability Engineering International</i> , 2018, 34, 78-92.	1.4	9
11	Guaranteed conditional ARL performance in the presence of autocorrelation. <i>Computational Statistics and Data Analysis</i> , 2018, 128, 367-379.	0.7	6
12	Assessment of Shewhart Control Chart Limits in Phase I Implementations Under Various Shift and Contamination Scenarios. , 2018, , 21-43.		2
13	Using accurately measured production amounts to obtain calibration curve corrections of production line speed and stoppage duration consisting of measurement errors. <i>International Journal of Advanced Manufacturing Technology</i> , 2017, 88, 3257-3263.	1.5	6
14	Automation of FMEA for computer servers using log data with grey relational analysis. , 2017, , .		2
15	Evaluation of Phase I analysis scenarios on Phase II performance of control charts for autocorrelated observations. <i>Quality Engineering</i> , 2016, 28, 293-304.	0.7	11
16	Greetings from the Editor-in-Chief. <i>Quality Engineering</i> , 2016, 28, 1-1.	0.7	4
17	Residuals-Based CUSUM Charts for Poisson INAR(1) Processes. <i>Journal of Quality Technology</i> , 2015, 47, 30-42.	1.8	11
18	On the Phase I analysis for monitoring time-dependent count processes. <i>IIE Transactions</i> , 2015, 47, 294-306.	2.1	19

#	ARTICLE	IF	CITATIONS
19	A Two-Sided Cumulative Sum Chart for First-Order Integer-Valued Autoregressive Processes of Poisson Counts. <i>Quality and Reliability Engineering International</i> , 2013, 29, 33-42.	1.4	29
20	Driver performance appraisal using GPS terminal measurements: A conceptual framework. <i>Transportation Research Part C: Emerging Technologies</i> , 2013, 26, 49-60.	3.9	21
21	Detection of Abrupt Changes in Count Data Time Series: Cumulative Sum Derivations for INARCH(1) Models. <i>Journal of Quality Technology</i> , 2012, 44, 249-264.	1.8	30
22	Discovering Blood Donor Arrival Patterns Using Data Mining: A Method to Investigate Service Quality at Blood Centers. <i>Journal of Medical Systems</i> , 2012, 36, 579-594.	2.2	20
23	The Poisson INAR(1) CUSUM chart under overdispersion and estimation error. <i>IIE Transactions</i> , 2011, 43, 805-818.	2.1	42
24	A review of data mining applications for quality improvement in manufacturing industry. <i>Expert Systems With Applications</i> , 2011, 38, 13448-13467.	4.4	327
25	Properties of the exponential EWMA chart with parameter estimation. <i>Quality and Reliability Engineering International</i> , 2010, 26, 555-569.	1.4	47
26	Impact of model misspecification on the exponential EWMA charts: a robustness study when the time-between-events are not exponential. <i>Quality and Reliability Engineering International</i> , 2010, 26, 177-190.	1.4	28
27	On the expected parts per million nonconforming levels obtained from estimated process capability indices. <i>Quality and Reliability Engineering International</i> , 2010, 26, 817-829.	1.4	1
28	Editorial-ENBIS 8th Annual Meeting. <i>Quality and Reliability Engineering International</i> , 2009, 26, n/a-n/a.	1.4	0
29	Call for papers: "Business and Industrial Statistics: Developments and Industrial Practices in Quality and Reliability". <i>Quality and Reliability Engineering International</i> , 2009, 25, 125-125.	1.4	0
30	CUSUM Monitoring of First-Order Integer-Valued Autoregressive Processes of Poisson Counts. <i>Journal of Quality Technology</i> , 2009, 41, 389-400.	1.8	71
31	The effect of Phase I sample size on the run length performance of control charts for autocorrelated data. <i>Journal of Applied Statistics</i> , 2008, 35, 67-87.	0.6	11
32	Conditional and marginal performance of the Poisson CUSUM control chart with parameter estimation. <i>International Journal of Production Research</i> , 2007, 45, 5621-5638.	4.9	41
33	Business Descriptions and Financial Performance Analysis of Public RFID Companies. , 2007, , .		1
34	Multivariate one-sided control charts. <i>IIE Transactions</i> , 2006, 38, 635-645.	2.1	18
35	The Effect of Estimated Parameters on Poisson EWMA Control Charts. <i>Quality Technology and Quantitative Management</i> , 2006, 3, 513-527.	1.1	35
36	Relationships Among Control Charts Used with Feedback Control. <i>Quality and Reliability Engineering International</i> , 2006, 22, 877-887.	1.4	13

#	ARTICLE	IF	CITATIONS
37	Model Inadequacy and Residuals Control Charts for Autocorrelated Processes. Quality and Reliability Engineering International, 2005, 21, 115-130.	1.4	30
38	Design Strategies for the Multivariate Exponentially Weighted Moving Average Control Chart. Quality and Reliability Engineering International, 2004, 20, 571-577.	1.4	25