Ali Salmasnia

List of Publications by Year
in descending order

60 papers	668 citations	623188 14 h-index	676716 22 g-index
60 all docs	60 docs citations	60 times ranked	481 citing authors

#	Article	IF	Citations
1	Adaptive Shewhart Control Charts Under Fuzzy Parameters with Tuned Particle Swarm Optimization Algorithm. Journal of Industrial Integration and Management, 2023, 08, 241-276.	3.1	6
2	Performance of Multivariate Homogeneously Weighted Moving Average Chart for Monitoring the Process Mean in the Presence of Measurement Errors. Journal of Advanced Manufacturing Systems, 2023, 22, 27-40.	0.4	5
3	Multivariate ELR control chart with estimated mean vector and covariance matrix. Communications in Statistics - Theory and Methods, 2023, 52, 8814-8827.	0.6	1
4	Integrating inventory planning, pricing and maintenance for perishable products in a two-component parallel manufacturing system with common cause failures. Operational Research, 2022, 22, 1235-1265.	1.3	5
5	Integration of Production Planning, Maintenance Scheduling and Noncentral Chi-square Chart Parameters with Random Failures and Multiple Assignable Causes. Journal of Advanced Manufacturing Systems, 2022, 21, 25-54.	0.4	3
6	Joint Design of Control Chart, Production Cycle Length, and Maintenance Schedule for Imperfect Manufacturing Systems with Deteriorating Products under Stochastic Shift Size. Journal of Advanced Manufacturing Systems, 2022, 21, 639-669.	0.4	2
7	Desensitized control charts with operational importance for autocorrelated processes. Quality Technology and Quantitative Management, 2022, 19, 665-691.	1.1	4
8	Measuring the customer satisfaction of public transportation in Tehran during the COVID-19 pandemic using MCDM techniques. Case Studies on Transport Policy, 2022, 10, 1520-1530.	1.1	15
9	An integrated quality, maintenance and production model based on the delayed monitoring under the ARMA control chart. Journal of Statistical Computation and Simulation, 2021, 91, 2645-2669.	0.7	12
10	Statistical design of a VSI-EWMA control chart for monitoring the communications among individuals in a weighted social network. International Journal of Systems Assurance Engineering and Management, 2021, 12, 495-508.	1.5	1
11	Integration of marketing and maintenance decisions in two-dimensional warranty contracts under a win-win strategy for two transaction sides. Quality Technology and Quantitative Management, 2021, 18, 484-504.	1.1	7
12	An integrated quality and maintenance model for two-unit series systems. Communications in Statistics Part B: Simulation and Computation, 2020, 49, 886-917.	0.6	12
13	Change point detection in social networks using a multivariate exponentially weighted moving average chart. Journal of Information Science, 2020, 46, 790-809.	2.0	13
14	Joint optimisation of double warning T2-Hotelling chart and maintenance policy with multiple assignable causes. Journal of Statistical Computation and Simulation, 2020, 90, 465-488.	0.7	10
15	Optimization of maintenance policy under warranty lengthâ€based demand with consideration of both manufacturer and buyer satisfaction. Applied Stochastic Models in Business and Industry, 2020, 36, 586-603.	0.9	7
16	REMEDIAL APPROACHES TO DECREASE THE EFFECT OF MEASUREMENT ERRORS ON SIMPLE LINEAR PROFILE MONITORING. International Journal for Quality Research, 2020, 14, 1019-1036.	0.5	6
17	An integrated model for joint determination of production run length, adaptive control chart parameters and maintenance policy. Journal of Industrial and Production Engineering, 2019, 36, 401-417.	2.1	15
18	A redundancy allocation problem by using utility function method and ant colony optimization: tradeoff between availability and total cost. International Journal of Systems Assurance Engineering and Management, 2019, 10, 416-428.	1.5	5

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19	An integration of NSGA-II and DEA for economicâ€“statistical design of T2-Hotelling control chart with double warning lines. Neural Computing and Applications, 2019, 31, 1173-1194.	3.2	17
20	An integrated production and maintenance planning model under VP-T2 Hotelling chart. Computers and Industrial Engineering, 2018, 118, 89-103.	3.4	40
21	A statistical analysis and simulation based approach to an uncertain supplier selection problem with discount option. International Journal of Systems Assurance Engineering and Management, 2018, 9, 1250-1259.	1.5	1
22	Robust bi-objective optimization of uncapacitated single allocation p-hub median problem using a hybrid heuristic algorithm. Neural Computing and Applications, 2018, 29, 511-532.	3.2	14
23	Remedial Measures to Lessen the Effect of Imprecise Measurement with Linearly Increasing Variance on the Performance of the MAX-EWMAMS Scheme. Arabian Journal for Science and Engineering, 2018, 43, 3151-3162.	1.7	13
24	A multi-objective optimization for brush monofilament tufting process design. Journal of Computational Design and Engineering, 2018, 5, 120-136.	1.5	4
25	Robust design of a VP-NCS chart for joint monitoring mean and variability in series systems under maintenance policy. Computers and Industrial Engineering, 2018, 124, 220-236.	3.4	20
26	Joint Monitoring of Process Location and Dispersion Based on CUSUM Procedure and Generalized Likelihood Ratio in the Presence of Measurement Errors. Quality and Reliability Engineering International, 2017, 33, 1485-1498.	1.4	5
27	A joint design of production run length, maintenance policy and control chart with multiple assignable causes. Journal of Manufacturing Systems, 2017, 42, 44-56.	7.6	64
28	A bi-objective model to optimize periodic preventive maintenance strategy during warranty period by considering customer satisfaction. International Journal of Systems Assurance Engineering and Management, 2017, 8, 770.	1.5	6
29	Joint production and preventive maintenance scheduling for a single degraded machine by considering machine failures. Top, 2017, 25, 544-578.	1.1	23
30	A fuzzy multi-objective goal programming model for solving an aggregate production planning problem with uncertainty. International Journal of Information and Decision Sciences, 2017, 9, 97.	0.1	5
31	Solving a multi-objective redundancy allocation problem under opportunistic maintenance strategy. International Journal of Data Analysis Techniques and Strategies, 2017, 9, 145.	0.2	0
32	An interactive preference decision making approach to multi-response process design with location and dispersion effects. International Journal of Information and Decision Sciences, 2017, 9, 224.	0.1	0
33	A Multi-Objective Multi-State Degraded System to Optimize Maintenance/Repair Costs and System Availability. Scientia Iranica, 2017, 24, 355-363.	0.3	3
34	A fuzzy multi-objective goal programming model for solving an aggregate production planning problem with uncertainty. International Journal of Information and Decision Sciences, 2017, 9, 97.	0.1	4
35	A bi-objective airline revenue management problem with possible cancellation. International Journal of Applied Management Science, 2016, 8, 20.	0.1	3
36	A robust loss function approach for a multi-objective redundancy allocation problem. Applied Mathematical Modelling, 2016, 40, 635-645.	2.2	12

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37	A desirability function-based approach for optimising generalised queuing networks. International Journal of Applied Management Science, 2015, 7, 194.	0.1	0
38	A Monte Carlo simulation based chaotic differential evolution algorithm for scheduling a stochastic parallel processor system. Expert Systems With Applications, 2015, 42, 7132-7147.	4.4	25
39	Robust supplier selection in a closed loop supply chain using a hybrid approach based on design of experiments and simulation. International Journal of Applied Decision Sciences, 2015, 8, 304.	0.2	7
40	A new desirability function-based method for correlated multiple response optimization. International Journal of Advanced Manufacturing Technology, 2015, 76, 1047-1062.	1.5	18
41	Bi-objective single machine scheduling problem with stochastic processing times. Top, 2015, 23, 275-297.	1.1	13
42	An Evolutionary Clustering-Based Optimization to Minimize Total Weighted Completion Time Variance in a Multiple Machine Manufacturing System. International Journal of Information Technology and Decision Making, 2015, 14, 971-991.	2.3	4
43	A robust interactive approach to optimize correlated multiple responses. International Journal of Advanced Manufacturing Technology, 2013, 67, 1923-1935.	1.5	14
44	Multiple response surface optimization with correlated data. International Journal of Advanced Manufacturing Technology, 2013, 64, 841-855.	1.5	34
45	A robust posterior preference decision-making approach to multiple response process design. International Journal of Applied Decision Sciences, 2013, 6, 186.	0.2	15
46	Optimization of Correlated Multiple Response Surfaces with Stochastic Covariate. International Journal of Computer Theory and Engineering, 2013, , 341-345.	3.2	1
47	A Robust Posterior Method to Multiresponse Optimization Using the VIKOR Method. Advanced Materials Research, 2012, 433-440, 3060-3065.	0.3	2
48	Coordinating manufacturer and retailer using a novel robust discount scheme. International Journal of Applied Decision Sciences, 2012, 5, 253.	0.2	2
49	On line detection of mean and variance shift using neural networks and support vector machine in multivariate processes. Applied Soft Computing Journal, 2012, 12, 2973-2984.	4.1	26
50	An approach to optimize correlated multiple responses using principal component analysis and desirability function. International Journal of Advanced Manufacturing Technology, 2012, 62, 835-846.	1.5	27
51	A robust scheduling of projects with time, cost, and quality considerations. International Journal of Advanced Manufacturing Technology, 2012, 60, 631-642.	1.5	19
52	A novel approach for optimization of correlated multiple responses based on desirability function and fuzzy logics. Neurocomputing, 2012, 91, 56-66.	3.5	33
53	A Robust Intelligent Framework for Multiple Response Statistical Optimization Problems Based on Artificial Neural Network and Taguchi Method. International Journal of Quality, Statistics, and Reliability, 2012, 2012, 1-11.	0.3	10
54	Time-Cost Tradeoff Analysis in Project Management: An Ant System Approach. IEEE Transactions on Engineering Management, 2011, 58, 36-43.	2.4	33

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55	Decision making for interactive optimization of correlated desirability functions. , 2009, , .		4
56	Three Dimensional Time, Cost and Quality Tradeoff Optimization in Project Decision Making. Advanced Materials Research, 0, 433-440, 5746-5752.	0.3	4
57	Joint optimization of inventory planning, maintenance policy and pricing for perishable complementary products by considering the product freshness and technology level. Journal of Industrial and Business Economics, 0, , 1.	0.8	0
58	An economic manufacturing quantity model with rework process for deteriorating products under maintenance-quality policy. International Journal of Modelling and Simulation, 0, , 1-20.	2.3	8
59	Phase II monitoring of logistic regression profiles with estimated parameters. Journal of Statistical Computation and Simulation, 0, , 1-19.	0.7	1
60	The Performance of Triple Sampling xÌ„ Control Chart with Measurement Errors. Quality Technology and Quantitative Management, 0, , 1-18.	1.1	5