Kwei Tang

List of Publications by Citations

76	1,456	23	34
papers	citations	h-index	g-index
82	1,590	3.7	4.39
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
76	Discovering recency, frequency, and monetary (RFM) sequential patterns from customers purchasing data. *Electronic Commerce Research and Applications*, **2009**, 8, 241-251	4.6	87
75	Design of Screening Procedures: A Review. *Journal of Quality Technology*, **1994**, 26, 209-226	1.4	87
74	Market basket analysis in a multiple store environment. *Decision Support Systems*, **2005**, 40, 339-354	5.6	83
73	Minimum time paths in a network with mixed time constraints. *Computers and Operations Research*, **1998**, 25, 793-805	4.6	67
72	Learning effects on maintenance outsourcing. *European Journal of Operational Research*, **2009**, 192, 138-150	5.6	52
71	Incentive maintenance outsourcing contracts for channel coordination and improvement. *IIE Transactions*, **2006**, 38, 671-684		50
70	Cost analysis of two-attribute warranty policies based on the product usage rate. *IEEE Transactions on Engineering Management*, **1999**, 46, 201-209	2.6	42
69	Economic Design of a One-Sided Screening Procedure Using a Correlated Variable. *Technometrics*, **1987**, 29, 477-485	1.4	40
68	Determining the optimal warranty price based on the producer's and customers' risk preferences. *European Journal of Operational Research*, **1995**, 85, 97-110	5.6	39
67	Design of Product Specifications for Multi-Characteristic Inspection. *Management Science*, **1989**, 35, 743-756		39
66	DETERMINATION OF THE OPTIMAL PROCESS MEAN WHEN INSPECTION IS BASED ON A CORRELATED VARIABLE. *IIE Transactions*, **1993**, 25, 66-72		37
65	Dynamic pricing and warranty policies for products with fixed lifetime. *European Journal of Operational Research*, **2009**, 196, 940-948	5.6	36
64	Joint determination of process mean, production run size and material order quantity for a container-filling process. *International Journal of Production Economics*, **2000**, 63, 303-317	9.3	36
63	The Effects of Inspection Error on a Complete Inspection Plan. *IIE Transactions*, **1987**, 19, 421-428		35
62	Constructing a decision tree from data with hierarchical class labels. *Expert Systems With Applications*, **2009**, 36, 4838-4847	7.8	31
61	Predicting the influence of users posted information for eWOM advertising in social networks. *Electronic Commerce Research and Applications*, **2014**, 13, 431-439	4.6	30
60	Economic Design of a One-Sided Screening Procedure Using a Correlated Variable		30

59	Critical path in an activity network with time constraints. *European Journal of Operational Research*, **1997**, 100, 122-133	5.6	29
58	Maintenance outsourcing of a multi-process manufacturing system with multiple contractors. *IIE Transactions*, **2006**, 38, 67-78		28
57	Bayesian Variables Acceptance-Sampling Plans: Quadratic Loss Function and Step-Loss Function. *Technometrics*, **1992**, 34, 340	1.4	26
56	Joint Determination of Optimal Inventory and Quality Control Policy. *Management Science*, **1988**, 34, 991-1004	3.9	26
55	Burn-in Time and Estimation of Change-Point with Weibull-Exponential Mixture Distribution*. *Decision Sciences*, **1992**, 23, 973-990	3.7	24
54	Requirement or Promise? An Analysis of the First-Mover Advantage in Quality Contracting. *Production and Operations Management*, **2015**, 24, 917-933	3.6	23
53	Using On-Line Sensors in Statistical Process Control. *Management Science*, **1997**, 43, 1017-1028	3.9	21
52	Design of a two-stage screening procedure using correlated variables: A loss function approach. *Naval Research Logistics*, **1988**, 35, 513-533	1.5	21
51	A Dynamic Discretization Approach for Constructing Decision Trees with a Continuous Label. *IEEE Transactions on Knowledge and Data Engineering*, **2009**, 21, 1505-1514	4.2	20
50	Monitoring machine operations using on-line sensors. *European Journal of Operational Research*, **1997**, 96, 479-492	5.6	20
49	Context-based market basket analysis in a multiple-store environment. *Decision Support Systems*, **2008**, 45, 150-163	5.6	20
48	Optimal Control of a Production Process Subject to Random Deterioration. *Operations Research*, **1990**, 38, 1116-1122	2.3	19
47	Economic Design of a Two-Sided Screening Procedure Using a Correlated Variable. *Journal of the Royal Statistical Society Series C: Applied Statistics*, **1988**, 37, 231	1.5	19
46	Multiattribute Bayesian Acceptance Sampling Plans Under Nondestructive Inspection. *Management Science*, **1986**, 32, 739-750	3.9	18
45	On electronic word-of-mouth diffusion in social networks: curiosity and influence. *International Journal of Advertising*, **2018**, 37, 360-384	3.6	17
44	A note on parallel machine replacement. *Naval Research Logistics*, **1993**, 40, 569-573	1.5	17
43	An Economic Model for Vendor Selection. *Journal of Quality Technology*, **1988**, 20, 81-89	1.4	16
42	A novel decision-tree method for structured continuous-label classification. *IEEE Transactions on Cybernetics*, **2013**, 43, 1734-46	10.2	15

41	TIME-BASED PRICING AND LEADTIME POLICIES FOR A BUILD-TO-ORDER MANUFACTURER. *Production and Operations Management*, **2009**, 11, 374-392	3.6	14
40	Selection of the Optimal Inspection Precision Level for a Complete Inspection Plan. *Journal of Quality Technology*, **1988**, 20, 153-156	1.4	14
39	Multistage Multiattribute Acceptance Sampling in Serial Production Systems. *IIE Transactions*, **1986**, 18, 130-137		13
38	Time-constrained cost-sensitive decision tree induction. *Information Sciences*, **2016**, 354, 140-152	7.7	12
37	Building a cost-constrained decision tree with multiple condition attributes. *Information Sciences*, **2009**, 179, 967-979	7.7	12
36	Maintenance Outsourcing Contracts for New Technology Adoptions. *IEEE Transactions on Engineering Management*, **2009**, 56, 203-218	2.6	11
35	Exact bayesian estimation of system reliability from component test data. *Naval Research Logistics*, **1997**, 44, 127-146	1.5	11
34	Process Mean Determination with Quantity Discounts in Raw Material Cost*. *Decision Sciences*, **1998**, 29, 271-302	3.7	11
33	Design of Product Grading Procedures*. *Decision Sciences*, **1990**, 21, 434-445	3.7	11
32	Cost effectiveness of using a correlated variable in a complete inspection plan when inspection error is present. *Naval Research Logistics*, **1990**, 37, 893-904	1.5	11
31	Multiattribute Bayesian Acceptance Sampling Plans for Screening and Scrapping Rejected Lots. *IIE Transactions*, **1984**, 16, 185-192		11
30	Note.Optimal Inspection Policy in Sequential Screening. *Management Science*, **1991**, 37, 1058-1061	3.9	10
29	Design of multi-stage screening procedures for a serial production system. *European Journal of Operational Research*, **1991**, 52, 280-290	5.6	10
28	Process improvement for a container-filling process with random shifts. *International Journal of Production Economics*, **2000**, 66, 23-31	9.3	9
27	A Two-sided Screening Procedure Using Several Correlated Variables. *IIE Transactions*, **1989**, 21, 333-336		9
26	Learning and forgetting effects on maintenance outsourcing. *IIE Transactions*, **2013**, 45, 449-463		8
25	Design of a two-stage procedure for three-class screening. *European Journal of Operational Research*, **1994**, 79, 431-442	5.6	8
24	Finding the Kth shortest path in a time-schedule network. *Naval Research Logistics*, **2005**, 52, 93-102	1.5	7

23	Economic design of multi-characteristic models for a three-class screening procedure. *International Journal of Production Research*, **1990**, 28, 2341-2351	7.8	7
22	A Markovian model for process setup and improvement. *Naval Research Logistics*, **1997**, 44, 383-400	1.5	6
21	Optimal control of a production process subject to AOQL constraint. *Naval Research Logistics*, **1988**, 35, 383-395	1.5	6
20	Cost-Sensitive Decision Tree Induction with Label-Dependent Late Constraints. *INFORMS Journal on Computing*, **2014**, 26, 238-252	2.4	5
19	Mining sequential patterns in the B2B environment. *Journal of Information Science*, **2009**, 35, 677-694	2	5
18	Adaptive Procedures for the Two-Stage Group-Testing Problem Based on Prior Distributions and Costs. *Technometrics*, **1990**, 32, 397-405	1.4	5
17	Simple rules for combining forecasts: Some empirical results. *Socio-Economic Planning Sciences*, **1987**, 21, 239-243	3.7	4
16	Cost-sensitive decision tree with multiple resource constraints. *Applied Intelligence*, **2019**, 49, 3765-3782	4.9	3
15	A constructive periodicity bound for the unbounded knapsack problem. *Operations Research Letters* , **2012**, 40, 329-331	1	3
14	Process mean determination under constant raw material supply. *European Journal of Operational Research*, **1997**, 99, 353-365	5.6	3
13	Performance comparison between on-line sensors and control charts Performance comparison between on-line sensors and control charts in manufacturing process monitoring. *IIE Transactions*, **1999**, 31, 1181-1190		3
12	Constructing And Maintaining A Beta Process Distribution For Bayesian Quality Audit Systems. *IIE Transactions*, **1987**, 19, 98-106		3
11	A comparison of average and discounted cost models for the dynamic lot size inventory problem. *European Journal of Operational Research*, **1985**, 22, 9-18	5.6	3
10	An empirical comparison of five procedures for combining (or selecting) forecasts. *Socio-Economic Planning Sciences*, **1989**, 23, 217-225	3.7	2
9	Performance comparison between on-line sensors and control charts in manufacturing process monitoring. *IIE Transactions*, **1999**, 31, 1181-1190		1
8	. *IEEE Transactions on Reliability*, **1994**, 43, 132-137	4.6	1
7	AN ECONOMIC MODELING APPROACH FOR THE DETERMINATION OF MATERIALITY IN AUDITING. *Decision Sciences*, **1987**, 18, 108-115	3.7	1
6	Adaptive Procedures for the Two-Stage Group-Testing Problem Based on Prior Distributions and Costs		1

5   EFFECTS OF RANDOM SHIFTS OF TESTING EQUIPMENT ON PROCESS CONTROL SYSTEM DESIGN AND SELECTION OF PROCESS CONTROL POLICIES*. *Production and Operations Management*, **2009**, 11, 125-138   3.6

4   Manufacturing Process Quality Control and Improvement **2007**, 649-671

3   Optimal process control policies under a time-varying cost structure. *European Journal of Operational Research*, **2003**, 149, 197-210   5.6

2   Estimating low process average by inverse binomial sampling⬜The research is supported in part, by National Science Foundation Grant Number 8007103AZ.. *International Journal of Production Research*, **1987**, 25, 57-69   7.8

1   Stepwise inspection in Bayesian multiattribute acceptance sampling. *Naval Research Logistics*, **1987**, 34, 469-485   1.5