

# Kwei Tang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

76  
papers

1,456  
citations

23  
h-index

34  
g-index

82  
ext. papers

1,590  
ext. citations

3.7  
avg, IF

4.39  
L-index

#	Paper	IF	Citations
76	Cost-sensitive decision tree with multiple resource constraints. <i>Applied Intelligence</i> , <b>2019</b> , 49, 3765-3782	4.9	3
75	On electronic word-of-mouth diffusion in social networks: curiosity and influence. <i>International Journal of Advertising</i> , <b>2018</b> , 37, 360-384	3.6	17
74	Time-constrained cost-sensitive decision tree induction. <i>Information Sciences</i> , <b>2016</b> , 354, 140-152	7.7	12
73	Requirement or Promise? An Analysis of the First-Mover Advantage in Quality Contracting. <i>Production and Operations Management</i> , <b>2015</b> , 24, 917-933	3.6	23
72	Predicting the influence of users' posted information for eWOM advertising in social networks. <i>Electronic Commerce Research and Applications</i> , <b>2014</b> , 13, 431-439	4.6	30
71	Cost-Sensitive Decision Tree Induction with Label-Dependent Late Constraints. <i>INFORMS Journal on Computing</i> , <b>2014</b> , 26, 238-252	2.4	5
70	A novel decision-tree method for structured continuous-label classification. <i>IEEE Transactions on Cybernetics</i> , <b>2013</b> , 43, 1734-46	10.2	15
69	Learning and forgetting effects on maintenance outsourcing. <i>IIE Transactions</i> , <b>2013</b> , 45, 449-463		8
68	A constructive periodicity bound for the unbounded knapsack problem. <i>Operations Research Letters</i> , <b>2012</b> , 40, 329-331	1	3
67	Mining sequential patterns in the B2B environment. <i>Journal of Information Science</i> , <b>2009</b> , 35, 677-694	2	5
66	Maintenance Outsourcing Contracts for New Technology Adoptions. <i>IEEE Transactions on Engineering Management</i> , <b>2009</b> , 56, 203-218	2.6	11
65	Discovering recency, frequency, and monetary (RFM) sequential patterns from customers' purchasing data. <i>Electronic Commerce Research and Applications</i> , <b>2009</b> , 8, 241-251	4.6	87
64	Constructing a decision tree from data with hierarchical class labels. <i>Expert Systems With Applications</i> , <b>2009</b> , 36, 4838-4847	7.8	31
63	Learning effects on maintenance outsourcing. <i>European Journal of Operational Research</i> , <b>2009</b> , 192, 138-150	4.6	52
62	Dynamic pricing and warranty policies for products with fixed lifetime. <i>European Journal of Operational Research</i> , <b>2009</b> , 196, 940-948	5.6	36
61	Building a cost-constrained decision tree with multiple condition attributes. <i>Information Sciences</i> , <b>2009</b> , 179, 967-979	7.7	12
60	A Dynamic Discretization Approach for Constructing Decision Trees with a Continuous Label. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2009</b> , 21, 1505-1514	4.2	20

59	TIME-BASED PRICING AND LEADTIME POLICIES FOR A BUILD-TO-ORDER MANUFACTURER. <i>Production and Operations Management</i> , <b>2009</b> , 11, 374-392	3.6	14
58	EFFECTS OF RANDOM SHIFTS OF TESTING EQUIPMENT ON PROCESS CONTROL SYSTEM DESIGN AND SELECTION OF PROCESS CONTROL POLICIES*. <i>Production and Operations Management</i> , <b>2009</b> , 11, 125-138	3.6	
57	Context-based market basket analysis in a multiple-store environment. <i>Decision Support Systems</i> , <b>2008</b> , 45, 150-163	5.6	20
56	Manufacturing Process Quality Control and Improvement <b>2007</b> , 649-671		
55	Maintenance outsourcing of a multi-process manufacturing system with multiple contractors. <i>IIE Transactions</i> , <b>2006</b> , 38, 67-78		28
54	Incentive maintenance outsourcing contracts for channel coordination and improvement. <i>IIE Transactions</i> , <b>2006</b> , 38, 671-684		50
53	Market basket analysis in a multiple store environment. <i>Decision Support Systems</i> , <b>2005</b> , 40, 339-354	5.6	83
52	Finding the Kth shortest path in a time-schedule network. <i>Naval Research Logistics</i> , <b>2005</b> , 52, 93-102	1.5	7
51	Optimal process control policies under a time-varying cost structure. <i>European Journal of Operational Research</i> , <b>2003</b> , 149, 197-210	5.6	
50	Joint determination of process mean, production run size and material order quantity for a container-filling process. <i>International Journal of Production Economics</i> , <b>2000</b> , 63, 303-317	9.3	36
49	Process improvement for a container-filling process with random shifts. <i>International Journal of Production Economics</i> , <b>2000</b> , 66, 23-31	9.3	9
48	Performance comparison between on-line sensors and control charts Performance comparison between on-line sensors and control charts in manufacturing process monitoring. <i>IIE Transactions</i> , <b>1999</b> , 31, 1181-1190		3
47	Performance comparison between on-line sensors and control charts in manufacturing process monitoring. <i>IIE Transactions</i> , <b>1999</b> , 31, 1181-1190		1
46	Cost analysis of two-attribute warranty policies based on the product usage rate. <i>IEEE Transactions on Engineering Management</i> , <b>1999</b> , 46, 201-209	2.6	42
45	Process Mean Determination with Quantity Discounts in Raw Material Cost*. <i>Decision Sciences</i> , <b>1998</b> , 29, 271-302	3.7	11
44	Minimum time paths in a network with mixed time constraints. <i>Computers and Operations Research</i> , <b>1998</b> , 25, 793-805	4.6	67
43	Using On-Line Sensors in Statistical Process Control. <i>Management Science</i> , <b>1997</b> , 43, 1017-1028	3.9	21
42	Process mean determination under constant raw material supply. <i>European Journal of Operational Research</i> , <b>1997</b> , 99, 353-365	5.6	3

41	Monitoring machine operations using on-line sensors. <i>European Journal of Operational Research</i> , <b>1997</b> , 96, 479-492	5.6	20
40	Critical path in an activity network with time constraints. <i>European Journal of Operational Research</i> , <b>1997</b> , 100, 122-133	5.6	29
39	Exact bayesian estimation of system reliability from component test data. <i>Naval Research Logistics</i> , <b>1997</b> , 44, 127-146	1.5	11
38	A Markovian model for process setup and improvement. <i>Naval Research Logistics</i> , <b>1997</b> , 44, 383-400	1.5	6
37	Determining the optimal warranty price based on the producer's and customers' risk preferences. <i>European Journal of Operational Research</i> , <b>1995</b> , 85, 97-110	5.6	39
36	Design of Screening Procedures: A Review. <i>Journal of Quality Technology</i> , <b>1994</b> , 26, 209-226	1.4	87
35	Design of a two-stage procedure for three-class screening. <i>European Journal of Operational Research</i> , <b>1994</b> , 79, 431-442	5.6	8
34	. <i>IEEE Transactions on Reliability</i> , <b>1994</b> , 43, 132-137	4.6	1
33	DETERMINATION OF THE OPTIMAL PROCESS MEAN WHEN INSPECTION IS BASED ON A CORRELATED VARIABLE. <i>IIE Transactions</i> , <b>1993</b> , 25, 66-72		37
32	A note on parallel machine replacement. <i>Naval Research Logistics</i> , <b>1993</b> , 40, 569-573	1.5	17
31	Bayesian Variables Acceptance-Sampling Plans: Quadratic Loss Function and Step-Loss Function. <i>Technometrics</i> , <b>1992</b> , 34, 340	1.4	26
30	Burn-in Time and Estimation of Change-Point with Weibull-Exponential Mixture Distribution*. <i>Decision Sciences</i> , <b>1992</b> , 23, 973-990	3.7	24
29	NoteD Optimal Inspection Policy in Sequential Screening. <i>Management Science</i> , <b>1991</b> , 37, 1058-1061	3.9	10
28	Design of multi-stage screening procedures for a serial production system. <i>European Journal of Operational Research</i> , <b>1991</b> , 52, 280-290	5.6	10
27	Adaptive Procedures for the Two-Stage Group-Testing Problem Based on Prior Distributions and Costs. <i>Technometrics</i> , <b>1990</b> , 32, 397-405	1.4	5
26	Design of Product Grading Procedures*. <i>Decision Sciences</i> , <b>1990</b> , 21, 434-445	3.7	11
25	Cost effectiveness of using a correlated variable in a complete inspection plan when inspection error is present. <i>Naval Research Logistics</i> , <b>1990</b> , 37, 893-904	1.5	11
24	Optimal Control of a Production Process Subject to Random Deterioration. <i>Operations Research</i> , <b>1990</b> , 38, 1116-1122	2.3	19

23	Economic design of multi-characteristic models for a three-class screening procedure. <i>International Journal of Production Research</i> , <b>1990</b> , 28, 2341-2351	7.8	7
22	A Two-sided Screening Procedure Using Several Correlated Variables. <i>IIE Transactions</i> , <b>1989</b> , 21, 333-336		9
21	An empirical comparison of five procedures for combining (or selecting) forecasts. <i>Socio-Economic Planning Sciences</i> , <b>1989</b> , 23, 217-225	3.7	2
20	Design of Product Specifications for Multi-Characteristic Inspection. <i>Management Science</i> , <b>1989</b> , 35, 743-756	3.56	39
19	Optimal control of a production process subject to AOQL constraint. <i>Naval Research Logistics</i> , <b>1988</b> , 35, 383-395	1.5	6
18	Design of a two-stage screening procedure using correlated variables: A loss function approach. <i>Naval Research Logistics</i> , <b>1988</b> , 35, 513-533	1.5	21
17	Economic Design of a Two-Sided Screening Procedure Using a Correlated Variable. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , <b>1988</b> , 37, 231	1.5	19
16	Joint Determination of Optimal Inventory and Quality Control Policy. <i>Management Science</i> , <b>1988</b> , 34, 991-1004	3.9	26
15	An Economic Model for Vendor Selection. <i>Journal of Quality Technology</i> , <b>1988</b> , 20, 81-89	1.4	16
14	Selection of the Optimal Inspection Precision Level for a Complete Inspection Plan. <i>Journal of Quality Technology</i> , <b>1988</b> , 20, 153-156	1.4	14
13	Economic Design of a One-Sided Screening Procedure Using a Correlated Variable. <i>Technometrics</i> , <b>1987</b> , 29, 477-485	1.4	40
12	Constructing And Maintaining A Beta Process Distribution For Bayesian Quality Audit Systems. <i>IIE Transactions</i> , <b>1987</b> , 19, 98-106		3
11	Estimating low process average by inverse binomial sampling. The research is supported in part, by National Science Foundation Grant Number 8007103AZ.. <i>International Journal of Production Research</i> , <b>1987</b> , 25, 57-69	7.8	
10	The Effects of Inspection Error on a Complete Inspection Plan. <i>IIE Transactions</i> , <b>1987</b> , 19, 421-428		35
9	Stepwise inspection in Bayesian multiattribute acceptance sampling. <i>Naval Research Logistics</i> , <b>1987</b> , 34, 469-485	1.5	
8	Simple rules for combining forecasts: Some empirical results. <i>Socio-Economic Planning Sciences</i> , <b>1987</b> , 21, 239-243	3.7	4
7	AN ECONOMIC MODELING APPROACH FOR THE DETERMINATION OF MATERIALITY IN AUDITING. <i>Decision Sciences</i> , <b>1987</b> , 18, 108-115	3.7	1
6	Multiattribute Bayesian Acceptance Sampling Plans Under Nondestructive Inspection. <i>Management Science</i> , <b>1986</b> , 32, 739-750	3.9	18

5	Multistage Multiattribute Acceptance Sampling in Serial Production Systems. <i>IIE Transactions</i> , <b>1986</b> , 18, 130-137		13
4	A comparison of average and discounted cost models for the dynamic lot size inventory problem. <i>European Journal of Operational Research</i> , <b>1985</b> , 22, 9-18	5.6	3
3	Multiattribute Bayesian Acceptance Sampling Plans for Screening and Scrapping Rejected Lots. <i>IIE Transactions</i> , <b>1984</b> , 16, 185-192		11
2	Economic Design of a One-Sided Screening Procedure Using a Correlated Variable		30
1	Adaptive Procedures for the Two-Stage Group-Testing Problem Based on Prior Distributions and Costs		1