

Liang-Hsuan Chen

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

2,316
citations

201674

27
h-index

214800

47
g-index

62
all docs

62
docs citations

62
times ranked

1474
citing authors

#	ARTICLE	IF	CITATIONS
1	Fuzzy goal programming with different importance and priorities. <i>European Journal of Operational Research</i> , 2001, 133, 548-556.	5.7	220
2	An evaluation approach to engineering design in QFD processes using fuzzy goal programming models. <i>European Journal of Operational Research</i> , 2006, 172, 230-248.	5.7	154
3	An approximate approach for ranking fuzzy numbers based on left and right dominance. <i>Computers and Mathematics With Applications</i> , 2001, 41, 1589-1602.	2.7	137
4	Fuzzy linear programming models for new product design using QFD with FMEA. <i>Applied Mathematical Modelling</i> , 2009, 33, 633-647.	4.2	121
5	Integrated vendor-buyer cooperative inventory models with variant permissible delay in payments. <i>European Journal of Operational Research</i> , 2007, 183, 658-673.	5.7	108
6	Fuzzy approaches to quality function deployment for new product design. <i>Fuzzy Sets and Systems</i> , 2009, 160, 2620-2639.	2.7	96
7	A fuzzy credit-rating approach for commercial loans: a Taiwan case. <i>Omega</i> , 1999, 27, 407-419.	5.9	84
8	A fuzzy model for exploiting quality function deployment. <i>Mathematical and Computer Modelling</i> , 2003, 38, 559-570.	2.0	77
9	Fuzzy linear programming models for NPD using a four-phase QFD activity process based on the means-end chain concept. <i>European Journal of Operational Research</i> , 2010, 201, 619-632.	5.7	77
10	Coordination between vendor and buyer considering trade credit and items of imperfect quality. <i>International Journal of Production Economics</i> , 2010, 123, 52-61.	8.9	77
11	Integrated inventory models considering the two-level trade credit policy and a price-negotiation scheme. <i>European Journal of Operational Research</i> , 2010, 205, 47-58.	5.7	77
12	Portfolio optimization of equity mutual funds with fuzzy return rates and risks. <i>Expert Systems With Applications</i> , 2009, 36, 3720-3727.	7.6	70
13	A fuzzy nonlinear model for quality function deployment considering Kano's concept. <i>Mathematical and Computer Modelling</i> , 2008, 48, 581-593.	2.0	68
14	Measuring the national competitiveness of Southeast Asian countries. <i>European Journal of Operational Research</i> , 2008, 187, 613-628.	5.7	68
15	Feature selection to diagnose a business crisis by using a real GA-based support vector machine: An empirical study. <i>Expert Systems With Applications</i> , 2008, 35, 1145-1155.	7.6	62
16	Fuzzy Regression Models Using the Least-Squares Method Based on the Concept of Distance. <i>IEEE Transactions on Fuzzy Systems</i> , 2009, 17, 1259-1272.	9.8	62
17	An integrated fuzzy approach for the selection of outsourcing manufacturing partners in pharmaceutical R&D. <i>International Journal of Production Research</i> , 2010, 48, 7483-7506.	7.5	58
18	Approach based on fuzzy goal programming and quality function deployment for new product planning. <i>European Journal of Operational Research</i> , 2017, 259, 654-663.	5.7	55

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19	A multiple-item budget-constraint newsboy problem with a reservation policy. <i>Omega</i> , 2010, 38, 431-439.	5.9	39
20	Designing robust products with multiple quality characteristics. <i>Computers and Operations Research</i> , 1997, 24, 937-944.	4.0	36
21	Availability allocation and multi-objective optimization for parallel series systems. <i>European Journal of Operational Research</i> , 2007, 180, 1231-1244.	5.7	36
22	A Mathematical Programming Method for Formulating a Fuzzy Regression Model Based on Distance Criterion. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2007, 37, 705-712.	5.0	35
23	Fuzzy Approaches for Constructing House of Quality in QFD and Its Applications: A Group Decision-Making Method. <i>IEEE Transactions on Engineering Management</i> , 2013, 60, 77-87.	3.5	35
24	Integrated inventory models considering permissible delay in payment and variant pricing strategy. <i>Applied Mathematical Modelling</i> , 2010, 34, 36-46.	4.2	34
25	Normalisation models for prioritising design requirements for quality function deployment processes. <i>International Journal of Production Research</i> , 2014, 52, 299-313.	7.5	33
26	An extended assignment problem considering multiple inputs and outputs. <i>Applied Mathematical Modelling</i> , 2007, 31, 2239-2248.	4.2	31
27	New approach to intelligent control systems with self-exploring process. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2003, 33, 56-66.	5.0	29
28	An approach of new product planning using quality function deployment and fuzzy linear programming model. <i>International Journal of Production Research</i> , 2014, 52, 1728-1743.	7.5	27
29	Productivity improvement: Efficiency approach vs effectiveness approach. <i>Omega</i> , 1995, 23, 197-204.	5.9	26
30	Fuzzy Nonlinear Models for New Product Development Using Four-Phase Quality Function Deployment Processes. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , 2011, 41, 927-945.	2.9	25
31	A design procedure for a robust job shop manufacturing system under a constraint using computer simulation experiments. <i>Computers and Industrial Engineering</i> , 1996, 30, 1-12.	6.3	24
32	Considering the decision maker's attitudinal character to solve multi-criteria decision-making problems in an intuitionistic fuzzy environment. <i>Knowledge-Based Systems</i> , 2012, 36, 129-138.	7.1	24
33	A two-phase fuzzy approach for solving multi-level decision-making problems. <i>Knowledge-Based Systems</i> , 2015, 76, 189-199.	7.1	18
34	A two-stage approach for formulating fuzzy regression models. <i>Knowledge-Based Systems</i> , 2013, 52, 302-310.	7.1	16
35	An extended rule-based inference for general decision-making problems. <i>Information Sciences</i> , 1997, 102, 111-131.	6.9	15
36	A newsboy problem with a simple reservation arrangement. <i>Computers and Industrial Engineering</i> , 2009, 56, 157-160.	6.3	15

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37	Ranking Taiwanese management journals: A case study. <i>Scientometrics</i> , 2008, 76, 95-115.	3.0	14
38	A new approach to formulate fuzzy regression models. <i>Applied Soft Computing Journal</i> , 2020, 86, 105915.	7.2	14
39	Improving productivity via technology and management. <i>International Journal of Systems Science</i> , 1996, 27, 315-322.	5.5	13
40	Considering decision decentralizations to solve bi-level multi-objective decision-making problems: A fuzzy approach. <i>Applied Mathematical Modelling</i> , 2013, 37, 6884-6898.	4.2	13
41	Dominance-Based Ranking Functions for Interval-Valued Intuitionistic Fuzzy Sets. <i>IEEE Transactions on Cybernetics</i> , 2014, 44, 1269-1282.	9.5	13
42	A computer-simulation-oriented design procedure for a robust and feasible job shop manufacturing system. <i>Journal of Manufacturing Systems</i> , 1995, 14, 1-10.	13.9	12
43	An intelligent control system with a multi-objective self-exploration process. <i>Fuzzy Sets and Systems</i> , 2004, 143, 275-294.	2.7	10
44	Time-Validating-Based Atanassov's Intuitionistic Fuzzy Decision Making. <i>IEEE Transactions on Fuzzy Systems</i> , 2015, 23, 743-756.	9.8	9
45	Mathematical programming approach to formulate intuitionistic fuzzy regression model based on least absolute deviations. <i>Fuzzy Optimization and Decision Making</i> , 2020, 19, 191-210.	5.5	7
46	MULTI-OBJECTIVE OPTIMIZATION IN RELIABILITY SYSTEM USING GENETIC ALGORITHM AND NEURAL NETWORK. <i>Asia-Pacific Journal of Operational Research</i> , 2008, 25, 649-672.	1.3	6
47	Dual Bipolar Measures of Atanassov's Intuitionistic Fuzzy Sets. <i>IEEE Transactions on Fuzzy Systems</i> , 2014, 22, 966-982.	9.8	6
48	New approach to adaptive control architecture based on fuzzy neural network and genetic algorithm. , 0, , .		5
49	An intelligent control system based on multiobjective genetic algorithms and fuzzy neural network. , 0, , .		4
50	A QFD-Based Mathematical Model for New Product Development Considering the Target Market Segment. <i>Journal of Applied Mathematics</i> , 2014, 2014, 1-10.	0.9	4
51	A fuzzy goal programming approach for solving the decentralized bi-level optimization problem with imprecise cooperation relations. , 2010, , .		3
52	A fuzzy approach with required minimum decision tolerances for multi-level multi-objective decision-making problems. <i>Journal of Intelligent and Fuzzy Systems</i> , 2015, 28, 217-224.	1.4	3
53	Approach for Establishing Intuitionistic Fuzzy Linear Regression Models Based on Weakest T -Norm Arithmetic. <i>IEEE Transactions on Fuzzy Systems</i> , 2021, 29, 1431-1445.	9.8	3
54	Responses and comments to "A comment on "An extended assignment problem considering multiple inputs and outputs". <i>Applied Mathematical Modelling</i> , 2008, 32, 2463-2466.	4.2	2

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55	A symbol-based intelligent control system with self-exploration process. Engineering Applications of Artificial Intelligence, 2008, 21, 201-214.	8.1	2
56	Approaches to select suitable subset of explanatory variables for establishing fuzzy regression models. Journal of Intelligent and Fuzzy Systems, 2018, 34, 437-457.	1.4	2
57	New approach to controller-adaptor based intelligent control systems. , 0, , .		1
58	An artificial intelligence based creative control system. , 0, , .		0
59	An optimization technique: storm-association approach. , 0, , .		0
60	A new cellular automaton: five elements balance chart and its application to forest industry ecosystem. , 0, , .		0
61	Approaches for Measurement System Analysis Considering Randomness and Fuzziness. International Journal of Fuzzy System Applications, 2020, 9, 98-131.	0.7	0