Ching-Ter Chang

List of Publications by Year
in descending order

118 papers	3,861 citations	172457 29 h-index	138484 58 g-index
120 all docs	120 docs citations	120 times ranked	2579 citing authors

#	Article	IF	Citations
1	Multi-objective competency-based approach to project scheduling and staff assignment: Case study of an internal audit project. Socio-Economic Planning Sciences, 2022, 81, 101182.	5.0	13
2	An enhanced manta ray foraging optimization algorithm for shape optimization of complex CCG-Ball curves. Knowledge-Based Systems, 2022, 240, 108071.	7.1	50
3	On the personal diet considering qualitative and quantitative issues. Computers and Industrial Engineering, 2022, 164, 107857.	6.3	3
4	Whether feed-in tariff can be effectively replaced or not? An integrated analysis of renewable portfolio standards and green certificate trading. Energy, 2022, 245, 123241.	8.8	26
5	An automata algorithm for generating trusted graphs in online social networks. Applied Soft Computing Journal, 2022, 118, 108475.	7.2	9
6	How does feed-in tariff and renewable portfolio standard evolve synergistically? An integrated approach of tripartite evolutionary game and system dynamics. Renewable Energy, 2022, 186, 864-877.	8.9	30
7	Designing an incentive scheme for producer responsibility organization of waste tires: A MCGP cooperative game approach. Computers and Industrial Engineering, 2022, 167, 108009.	6.3	10
8	Dynamic optimization for coordinated replenishment system considering seasonal demand and price quantity discount. Applied Mathematical Modelling, 2022, 108, 308-325.	4.2	2
9	Health Transition Probability and Long-Term Care Cost Estimation. Mathematical Problems in Engineering, 2022, 2022, 1-11.	1.1	2
10	An efficient approach for the S-shaped penalty function. International Transactions in Operational Research, 2021, 28, 493-511.	2.7	2
11	Integration of tradable green certificates trading and carbon emissions trading: How will Chinese power industry do?. Journal of Cleaner Production, 2021, 279, 123485.	9.3	87
12	An integrated FAHP-MCGP approach to project selection and resource allocation in risk-based internal audit planning: A case study. Computers and Industrial Engineering, 2021, 152, 107012.	6.3	12
13	Optimal pricing and remanufacturing mode in a closed-loop supply chain of WEEE under government fund policy. Computers and Industrial Engineering, 2021, 151, 106951.	6.3	100
14	Topology design of remote patient monitoring system concerning qualitative and quantitative issues. Omega, 2021, 98, 102137.	5.9	12
15	The Dynamic Correlation among Financial Leverage, House Price, and Consumer Expenditure in China. Sustainability, 2021, 13, 2617.	3.2	2
16	Matching and Coordination among Elderly Services, Aging, and Economy in China. Mathematical Problems in Engineering, 2021, 2021, 1-11.	1.1	1
17	China's renewable energy strategy and industrial adjustment policy. Renewable Energy, 2021, 170, 1382-1395.	8.9	64
18	A Hybrid Fuzzy Goal Programming for Smart Phones and Rate Plan Selection. International Journal of Fuzzy Systems, 2021, 23, 1613-1632.	4.0	1

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19	An improved marine predators algorithm for shape optimization of developable Ball surfaces. Engineering Applications of Artificial Intelligence, 2021, 105, 104417.	8.1	70
20	Fuzzy Multi-Choice Goal Programming and Artificial Bee Colony Algorithm for Triangular and Trapezoidal Membership Functions. IEEE Access, 2021, 9, 95267-95281.	4.2	2
21	How Income Influences Health: Decomposition Based on Absolute Income and Relative Income Effects. International Journal of Environmental Research and Public Health, 2021, 18, 10738.	2.6	11
22	Market Integration and Regional Innovation in China: Evidence from the Yangtze River Delta Region. Mathematical Problems in Engineering, 2021, 2021, 1-12.	1.1	0
23	Optimal recovery model in a used batteries closed-loop supply chain considering uncertain residual capacity. Transportation Research, Part E: Logistics and Transportation Review, 2021, 156, 102516.	7.4	26
24	An integrated MCGP-U and fuzzy-AHP method for enhancing the competitiveness of Taiwan's forklift industry. Journal of Intelligent and Fuzzy Systems, 2020, 39, 3697-3712.	1.4	0
25	Distribution Dynamics, Regional Differences, and Convergence of Elderly Health Levels in China. Sustainability, 2020, 12, 2288.	3.2	5
26	Behavioral intention towards mobile learning in Taiwan, China, Indonesia, and Vietnam. Technology in Society, 2020, 63, 101387.	9.4	29
27	Integrating academic type of social media activity with perceived academic performance: A role of task-related and non-task-related compulsive Internet use. Computers and Education, 2019, 139, 157-172.	8.3	30
28	The roles of aspirations, coefficients and utility functions in multiple objective decision making. Computers and Industrial Engineering, 2019, 135, 227-235.	6.3	5
29	A novel framework for a remote patient monitoring (RPM) system with abnormality detection. Health Policy and Technology, 2019, 8, 157-170.	2.5	14
30	How will the Chinese Certified Emission Reduction scheme save cost for the national carbon trading system?. Journal of Environmental Management, 2019, 244, 99-109.	7.8	52
31	An Integrated Smartphone and Tariff Plan Selection for Taxi Service Operators: MCDM and RStudio Approach. IEEE Access, 2019, 7, 31457-31472.	4.2	6
32	Allocation of carbon dioxide emission quotas based on the energy-economy-environment perspective: Evidence from Guangdong Province. Science of the Total Environment, 2019, 669, 657-667.	8.0	31
33	A technique of the salient success and survival aspiration levels for multiple objective/criteria decision-making problems. Journal of the Operational Research Society, 2018, 69, 1957-1965.	3.4	4
34	Comparative analysis of MCDM methods for ranking renewable energy sources in Taiwan. Renewable and Sustainable Energy Reviews, 2018, 92, 883-896.	16.4	375
35	A Decision for Predicting Successful Extubation of Patients in Intensive Care Unit. BioMed Research International, 2018, 2018, 1-11.	1.9	11
36	On fuzzy multiple objective linear programming problems. Expert Systems With Applications, 2018, 114, 552-562.	7.6	11

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37	How does gender swapping impact online gamer loyalty? The perspective of interdependence theory. Online Information Review, 2018, 42, 647-662.	3.2	6
38	Fuzzy score technique for the optimal location of wind turbines installations. Applied Mathematical Modelling, 2017, 44, 576-587.	4.2	1
39	Examining the students' behavioral intention to use e-learning in Azerbaijan? The General Extended Technology Acceptance Model for E-learning approach. Computers and Education, 2017, 111, 128-143.	8.3	279
40	An effective zero-inventory-ordering policy for a single-warehouse multiple retailer problem with a modified all-unit discount. Computers and Industrial Engineering, 2017, 109, 204-210.	6.3	2
41	Using beta regression to explore the relationship between service attributes and likelihood of customer retention for the container shipping industry. Transportation Research, Part E: Logistics and Transportation Review, 2017, 104, 1-16.	7.4	15
42	A multi-stage and multi-supplier inventory model allowing different order quantities. Applied Mathematical Modelling, 2017, 52, 613-625.	4.2	2
43	Fuzzy linearization strategy for multiple objective linear fractional programming with binary utility functions. Computers and Industrial Engineering, 2017, 112, 437-446.	6.3	7
44	Combining 3-Level Multichoice Goal Programming with Multicoefficient Goal Programming to Evaluate Forest Ecosystem Service Potential Improved by Thinning. Forest Science, 2017, 63, 310-318.	1.0	1
45	Aware and smart member card: RFID and license plate recognition systems integrated applications at parking guidance in shopping mall. , 2016, , .		6
46	Using binary fuzzy goal programming and linear programming to resolve airport logistics center expansion plan problems. Applied Soft Computing Journal, 2016, 44, 222-237.	7.2	7
47	Taiwan's renewable energy strategy and energy-intensive industrial policy. Renewable and Sustainable Energy Reviews, 2016, 64, 456-465.	16.4	39
48	Using fuzzy goal programming by considering personal preferences for job selection via the internet. Engineering Computations, 2016, 33, 1865-1880.	1.4	1
49	A hybrid model to resolve aircraft tractor supplier's selection problem from a financial perspective. , 2015, , .		0
50	The parking service quality and management: Digital image processing application for motorcycle counting. , 2015, , .		1
51	Harvesting big data to enhance supply chain innovation capabilities: An analytic infrastructure based on deduction graph. International Journal of Production Economics, 2015, 165, 223-233.	8.9	318
52	Estimating attributes importance for container shipping industry by closing the listening gap with maximum convergent validity. Transportation Research, Part E: Logistics and Transportation Review, 2015, 79, 145-163.	7.4	1
53	House selection via the internet by considering homebuyers' risk attitudes with S-shaped utility functions. European Journal of Operational Research, 2015, 241, 188-201.	5.7	28
54	A practical expected-value-approach model to assess the relevant procurement costs. Journal of the Operational Research Society, 2015, 66, 539-553.	3.4	8

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55	Multi-choice goal programming model for the optimal location of renewable energy facilities. Renewable and Sustainable Energy Reviews, 2015, 41, 379-389.	16.4	59
56	Multiple Criteria Decision Making Theory, Methods, and Applications in Engineering. Mathematical Problems in Engineering, 2014, 2014, 1-1.	1.1	4
57	QR codes & GPS functions - New applications in TAIWAN. , 2014, , .		0
58	Evaluation Model for Applying an E-Learning System in a Course: An Analytic Hierarchy Processâ€"Multi-Choice Goal Programming Approach. Journal of Educational Computing Research, 2014, 50, 135-157.	5.5	16
59	Integrated multi-choice goal programming and multi-segment goal programming for supplier selection considering imperfect-quality and price-quantity discounts in a multiple sourcing environment. International Journal of Systems Science, 2014, 45, 1101-1111.	5.5	24
60	The Different Ways of Using Utility Function with Multi-choice Goal Programming. Lecture Notes in Electrical Engineering, 2014, , 407-417.	0.4	3
61	The optimal dual-pricing policy of mall parking service. Transportation Research, Part A: Policy and Practice, 2014, 70, 223-243.	4.2	9
62	Multi-coefficient goal programming in thinning schedules to increase carbon sequestration and improve forest structure. Annals of Forest Science, 2014, 71, 907-915.	2.0	7
63	On product classification with various membership functions and binary behaviour. Journal of the Operational Research Society, 2014, 65, 141-150.	3.4	3
64	A coordination system for seasonal demand problems in the supply chain. Applied Mathematical Modelling, 2013, 37, 3674-3686.	4.2	19
65	Single-hidden-layer feed-forward quantum neural network based on Grover learning. Neural Networks, 2013, 45, 144-150.	5.9	32
66	On the location selection problem using analytic hierarchy process and multi-choice goal programming. International Journal of Systems Science, 2013, 44, 94-108.	5.5	42
67	Goal-Programming-Driven Genetic Algorithm Model for Wireless Access Point Deployment Optimization. Mathematical Problems in Engineering, 2012, 2012, 1-14.	1.1	1
68	Revised multi-segment goal programming: Percentage goal programming. Computers and Industrial Engineering, 2012, 63, 1235-1242.	6.3	26
69	Multi-coefficients goal programming. Computers and Industrial Engineering, 2012, 62, 616-623.	6.3	29
70	Multicriteria decision-making based on goal programming and fuzzy analytic hierarchy process: An application to capital budgeting problem. Knowledge-Based Systems, 2012, 26, 288-293.	7.1	18
71	Fuzzy Multi-Choice Goal Programming for Supplier Selection. , 2012, , 39-60.		2
72	Efficiently mapping an appropriate thinning schedule for optimum carbon sequestration: An application of multi-segment goal programming. Forest Ecology and Management, 2011, 262, 1168-1173.	3.2	10

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73	Multi-choice goal programming with utility functions. European Journal of Operational Research, 2011, 215, 439-445.	5.7	106
74	A MCGP decision aid for homebuyers to make the best choice. Quality and Quantity, 2011, 45, 969-983.	3.7	20
75	Multi-objective approaches to balance mixed-model assembly lines for model mixes having precedence conflicts and duplicable common tasks. International Journal of Advanced Manufacturing Technology, 2011, 52, 725-737.	3.0	14
76	3-level MCGP: an efficient algorithm for MCGP in solving multi-forest management problems. Scandinavian Journal of Forest Research, 2011, 26, 457-465.	1.4	13
77	Global supplier selection using fuzzy analytic hierarchy process and fuzzy goal programming. Quality and Quantity, 2010, 44, 623-640.	3.7	97
78	Revised multi-choice goal programming for multi-period, multi-stage inventory controlled supply chain model with popup stores in Guerrilla marketing. Applied Mathematical Modelling, 2010, 34, 3586-3598.	4.2	53
79	A three-echelon supply chain coordination with quantity discounts for multiple items. International Journal of Systems Science, 2010, 41, 561-573.	5.5	9
80	An Approximation Approach for Representing S-Shaped Membership Functions. IEEE Transactions on Fuzzy Systems, 2010, , .	9.8	10
81	Fuzzy Multi-Choice Goal Programming for Supplier Selection. International Journal of Operations Research and Information Systems, 2010, 1, 28-52.	1.0	14
82	Integration of Financial and Non-financial Information for Decision-Making by Using Goal Programming and Fuzzy Analytic Hierarchy Process on a Capital Budgeting Investment Case Study. Smart Innovation, Systems and Technologies, 2010, , 171-179.	0.6	0
83	A goal programming approach for fuzzy multiobjective fractional programming problems. International Journal of Systems Science, 2009, 40, 867-874.	5.5	28
84	Interval goal programming for S-shaped penalty function. European Journal of Operational Research, 2009, 199, 9-20.	5.7	22
85	Fuzzy multiple goal programming applied to TFT-LCD supplier selection by downstream manufacturers. Expert Systems With Applications, 2009, 36, 6318-6325.	7.6	122
86	On the inventory model with continuous and discrete lead time, backorders and lost sales. Applied Mathematical Modelling, 2009, 33, 2196-2206.	4.2	24
87	Binary fuzzy goal programming approach to single model straight and U-shaped assembly line balancing. European Journal of Operational Research, 2009, 195, 335-347.	5.7	64
88	Service quality gaps of business customers in the shipping industry. Transportation Research, Part E: Logistics and Transportation Review, 2009, 45, 222-237.	7.4	74
89	Revised multi-choice goal programming. Applied Mathematical Modelling, 2008, 32, 2587-2595.	4.2	214
90	An exact policy for enhancing buyer–supplier linkage in supply chain system. International Journal of Production Economics, 2008, 113, 470-479.	8.9	13

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91	Integrated Genetic Algorithm and Goal Programming for Network Topology Design Problem With Multiple Objectives and Multiple Criteria. IEEE/ACM Transactions on Networking, 2008, 16, 680-690.	3.8	18
92	EFFICIENT STRUCTURES OF ACHIEVEMENT FUNCTIONS FOR GOAL PROGRAMMING MODELS. Asia-Pacific Journal of Operational Research, 2007, 24, 755-764.	1.3	20
93	Binary Behavior of Fuzzy Programming With Piecewise Linear Membership Functions. IEEE Transactions on Fuzzy Systems, 2007, 15, 710-717.	9.8	8
94	Binary Behavior of Fuzzy Programming With Piecewise Linear Membership Functions. IEEE Transactions on Fuzzy Systems, 2007, 15, 342-349.	9.8	13
95	A seasonal demand inventory model with variable lead time and resource constraints. Applied Mathematical Modelling, 2007, 31, 2433-2445.	4.2	22
96	Binary fuzzy goal programming. European Journal of Operational Research, 2007, 180, 29-37.	5.7	50
97	Multi-choice goal programming. Omega, 2007, 35, 389-396.	5.9	241
98	Mixed binary interval goal programming. Journal of the Operational Research Society, 2006, 57, 469-473.	3.4	19
99	Reformulation of the modified goal programming for logarithmic piecewise linear function. Applied Mathematics and Computation, 2006, 174, 13-23.	2.2	0
100	On the single item multi-supplier system with variable lead-time, price-quantity discount, and resource constraints. Applied Mathematics and Computation, 2006, 182, 89-97.	2.2	22
101	Formulating the mixed integer fractional posynomial programming. European Journal of Operational Research, 2006, 173, 370-386.	5.7	3
102	An acquisition policy for a single item multi-supplier system with real-world constraints. Applied Mathematical Modelling, 2006, 30, 1-9.	4.2	19
103	A linearization approach for inventory models with variable lead time. International Journal of Production Economics, 2005, 96, 263-272.	8.9	19
104	An approximate approach for fractional programming with absolute-value functions. Applied Mathematics and Computation, 2005, 161, 171-179.	2.2	10
105	Fractional programming with absolute-value functions: a fuzzy goal programming approach. Applied Mathematics and Computation, 2005, 167, 508-515.	2.2	16
106	On the mixed integer signomial programming problems. Applied Mathematics and Computation, 2005, 170, 1436-1451.	2.2	2
107	A modified goal programming approach for the mean-absolute deviation portfolio optimization model. Applied Mathematics and Computation, 2005, 171, 567-572.	2.2	11
108	On the mixed binary goal programming problems. Applied Mathematics and Computation, 2004, 159, 759-768.	2.2	20

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109	A modified goal programming model for piecewise linear functions. European Journal of Operational Research, 2002, 139, 62-67.	5.7	19
110	Approximately global optimization for assortment problems using piecewise linearization techniques. European Journal of Operational Research, 2002, 140, 584-589.	5.7	43
111	On the posynomial fractional programming problems. European Journal of Operational Research, 2002, 143, 42-52.	5.7	30
112	Optimization approach for data allocation in multidisk database. European Journal of Operational Research, 2002, 143, 210-217.	5.7	8
113	On the polynomial mixed 0–1 fractional programming problems. European Journal of Operational Research, 2001, 131, 224-227.	5.7	47
114	A linearization method for mixed 0–1 polynomial programs. Computers and Operations Research, 2000, 27, 1005-1016.	4.0	48
115	An efficient linearization approach for mixed-integer problems. European Journal of Operational Research, 2000, 123, 652-659.	5.7	67
116	An approximately global optimization method for assortment problems. European Journal of Operational Research, 1998, 105, 604-612.	5.7	21
117	An approximate approach of global optimization for polynomial programming problems. European Journal of Operational Research, 1998, 107, 625-632.	5.7	33
118	A Hybrid AHP–FCE–WMCGP Approach for Internal Auditor Selection: A Generic Framework. International Journal of Fuzzy Systems, 0, , 1.	4.0	0