Tai-Hsi Wu

List of Publications by Year
in descending order

53 papers	1,476 citations	331259 21 h-index	315357 38 g-index
53 all docs	53 docs citations	53 times ranked	1273 citing authors

#	Article	IF	Citations
1	Heuristic solutions to multi-depot location-routing problems. Computers and Operations Research, 2002, 29, 1393-1415.	2.4	283
2	A simulated annealing algorithm for manufacturing cell formation problems. Expert Systems With Applications, 2008, 34, 1609-1617.	4.4	127
3	A note on a global approach for general 0â€"1 fractional programming. European Journal of Operational Research, 1997, 101, 220-223.	3.5	95
4	Using data mining techniques to predict hospitalization of hemodialysis patients. Decision Support Systems, 2011, 50, 439-448.	3.5	89
5	Total tardiness minimization on unrelated parallel machine scheduling with auxiliary equipment constraints. Omega, 2006, 34, 81-89.	3.6	68
6	An efficient approach to determine cell formation, cell layout and intracellular machine sequence in cellular manufacturing systems. Computers and Industrial Engineering, 2013, 66, 438-450.	3.4	67
7	Modelling and heuristics of FMS scheduling with multiple objectives. Computers and Operations Research, 2006, 33, 674-694.	2.4	58
8	An efficient tabu search algorithm to the cell formation problem with alternative routings and machine reliability considerations. Computers and Industrial Engineering, 2011, 60, 7-15.	3.4	58
9	Hybrid simulated annealing algorithm with mutation operator to the cell formation problem with alternative process routings. Expert Systems With Applications, 2009, 36, 3652-3661.	4.4	52
10	Solving the competitive discretionary service facility location problem. European Journal of Operational Research, 2003, 144, 366-378.	3.5	51
11	A water flow-like algorithm for manufacturing cell formation problems. European Journal of Operational Research, 2010, 205, 346-360.	3.5	49
12	Mathematical modelling and heuristic approaches to operation scheduling problems in an FMS environment. International Journal of Production Research, 2001, 39, 689-708.	4.9	39
13	Measuring the performance of police forces in Taiwan using data envelopment analysis. Evaluation and Program Planning, 2010, 33, 246-254.	0.9	38
14	A hybrid heuristic algorithm adopting both Boltzmann function and mutation operator for manufacturing cell formation problems. International Journal of Production Economics, 2009, 120, 669-688.	5.1	35
15	A particle swarm optimization approach with refinement procedure for nurse rostering problem. Computers and Operations Research, 2015, 54, 52-63.	2.4	35
16	Developing a variables repetitive group sampling scheme by considering process yield and quality loss. International Journal of Production Research, 2015, 53, 2239-2251.	4.9	32
17	Analyzing the relationship between energy security performance and decoupling of economic growth from CO_2 emissions for OECD countries. Renewable and Sustainable Energy Reviews, 2021, 152, 111633.	8.2	30
18	An integrated DEA-MODM methodology for portfolio optimization. Operational Research, 2015, 15, 115-136.	1.3	28

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19	Measuring energy use and CO2 emission performances for APEC economies. Journal of Cleaner Production, 2018, 183, 590-601.	4.6	27
20	Mathematical modelling of multi-objective job shop scheduling with dependent setups and re-entrant operations. International Journal of Advanced Manufacturing Technology, 2005, 27, 181-189.	1.5	22
21	Data envelopment analysis approaches for solving the multiresponse problem in the Taguchi method. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 2009, 23, 159-173.	0.7	22
22	Nesting of two-dimensional parts in multiple plates using hybrid algorithm. International Journal of Production Research, 2003, 41, 3883-3900.	4.9	18
23	A decomposition approach to the cell formation problem with alternative process plans. International Journal of Advanced Manufacturing Technology, 2004, 24, 834-840.	1.5	17
24	Solutions for product configuration management: An empirical study. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 2005, 19, 39-47.	0.7	16
25	Parallel genetic algorithms for product configuration management on PC cluster systems. International Journal of Advanced Manufacturing Technology, 2007, 31, 1233-1242.	1.5	13
26	Relationship of CEO inside debt and corporate social performance: A data envelopment analysis approach. Finance Research Letters, 2019, 29, 308-314.	3.4	13
27	A note on convex fuzzy processes. Applied Mathematics Letters, 2002, 15, 193-196.	1.5	12
28	Corporate ownership and firm performance: a mediating role of innovation efficiency. Economics of Innovation and New Technology, 2022, 31, 292-319.	2.1	11
29	Re-examine the determinants of market value from the perspectives of patent analysis and patent litigation. Scientometrics, 2019, 120, 1-17.	1.6	9
30	Investigating the importance and cognitive satisfaction attributes of service quality in restaurant business - a case study of TASTy steakhouse in Taiwan. Journal of Foodservice Business Research, 2020, 23, 263-284.	1.3	8
31	A flexible sampling scheme for variables inspection with loss consideration. Journal of Statistical Computation and Simulation, 2015, 85, 3766-3777.	0.7	7
32	Cascade of genetic algorithm and decision tree for cancer classification on gene expression data. Expert Systems, 2010, 27, 201-218.	2.9	6
33	Evaluating global energy security performances using an integrated PCA/DEA-AR technique. Sustainable Energy Technologies and Assessments, 2021, 45, 101041.	1.7	6
34	Computer-aided process planning for robotic assembly. Computers and Industrial Engineering, 1995, 29, 653-657.	3.4	5
35	A TABU SEARCH APPROACH TO THE GENERALIZED ASSIGNMENT PROBLEM. Journal of the Chinese Institute of Industrial Engineers, 2004, 21, 301-311.	0.5	4
36	A Hybrid Simulated Annealing Algorithm to the Cell Formation Problem with Alternative Process Plans. , 2007, , .		4

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37	A NOTE ON SOLUTION OF THE UNCAPACITATED SINGLE ALLOCATIONP-HUB MEDIAN PROBLEM. Journal of the Chinese Institute of Industrial Engineers, 2008, 25, 11-17.	0.5	4
38	Optimal scheduling plan for a coal shipment problem: An efficient approach. Computers and Industrial Engineering, 1995, 29, 489-493.	3.4	3
39	Impact of inspection errors on the lot size problem. Journal of Information and Optimization Sciences, 2004, 25, 331-348.	0.2	3
40	客訂式產能分析問題設計架構的探討建構與實現. Journal of the Chinese Institute of Industrial Engineers, 1999,	0.5	3
41	SOLVING VEHICLE ROUTING PROBLEM WITH BACKHAULS. Journal of the Chinese Institute of Industrial Engineers, 2003, 20, 651-665.	0.5	2
42	Mining Breast Cancer Classification Rules from Mammograms. Journal of Intelligent Systems, 2016, 25, 19-36.	1.2	2
43	A Data Envelopment Analysis-Based Methodology Adopting Assurance Region Approach for Measuring Corporate Social Performance. Social Indicators Research, 2020, 148, 863-892.	1.4	2
44	A TABU SEARCH APPROACH FOR THE DETERMINISTIC AND STOCHASTIC VEHICLE FLEET MIX AND ROUTING PROBLEM. Journal of the Chinese Institute of Industrial Engineers, 2001, 18, 102-112.	0.5	1
45	A Study on How to Maintain Their Competitive Advantages: An Empirical Analysis of Taiwanese Footwear Manufacturing Firms. , 2006, , .		1
46	A Novel Approach for Cell Formation and Cell Layout Design in Cellular Manufacturing System. , 2009, , .		1
47	Healthcare Quality and Efficiency in Taiwan. , 2018, , .		1
48	以零組件需求規劃(DRP)為基礎的零組件管理架構. Journal of the Chinese Institute of Industrial Engineers, 1998, 15, 325-336.	0.5	0
49	田數規劃於產線平衡問題之應用研究. Journal of the Chinese Institute of Industrial Engineers, 1999, 16, 299-305.	0.5	0
50	模糊群集與網路自我組織地圖於客訂式型態歸類之應用研究. Journal of the Chinese Institute of	0	
51	客戶端需求變異下之供應鏈存貨政策研究. Journal of the Chinese Institute of Industrial Engineers, 2000, 17, 75-85.	0.5	0
52	競爭優勢下新產能規劃決策模式之探討建構設計. Journal of the Chinese Institute of Industrial Engineers, 2000, 17	0.5	0
53	A Hybrid Simulated Annealing Algorithm to the Cell Formation Problem with Alternative Process Plans. , 2007, , .		0