Cheng-Hsiang Liu

List of Publications by Year
in descending order

20	358	840776 11	794594 19
papers	citations	h-index	g-index

20	20	20	357
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reduction of power consumption and carbon footprints by applying multi-objective optimisation via genetic algorithms. International Journal of Production Research, 2014, 52, 337-352.	7.5	85
2	C-Kano model: a novel approach for discovering attractive quality elements. Total Quality Management and Business Excellence, 2010, 21, 1189-1214.	3.8	43
3	Approximate trade-off between minimisation of total weighted tardiness and minimisation of carbon dioxide (CO₂) emissions in bi-criteria batch scheduling problem. International Journal of Computer Integrated Manufacturing, 2014, 27, 759-771.	4.6	41
4	Mathematical programming formulations for single-machine scheduling problems while considering renewable energy uncertainty. International Journal of Production Research, 2016, 54, 1122-1133.	7.5	27
5	A process monitoring scheme based on independent component analysis and adjusted outliers. International Journal of Production Research, 2010, 48, 1727-1743.	7.5	25
6	A novel CBR system for numeric prediction. Information Sciences, 2012, 185, 178-190.	6.9	17
7	Lot streaming for customer order scheduling problem in job shop environments. International Journal of Computer Integrated Manufacturing, 2009, 22, 890-907.	4.6	16
8	Using genetic algorithms for the coordinated scheduling problem of a batching machine and two-stage transportation. Applied Mathematics and Computation, 2011, 217, 10095-10104.	2.2	14
9	A genetic algorithm based approach for scheduling of jobs containing multiple orders in a three-machine flowshop. International Journal of Production Research, 2010, 48, 4379-4396.	7.5	13
10	A coordinated scheduling system for customer orders scheduling problem in job shop environments. Expert Systems With Applications, 2010, 37, 7831-7837.	7.6	12
11	Lot streaming multiple jobs with values exponentially deteriorating over time in a job-shop environment. International Journal of Production Research, 2013, 51, 202-214.	7.5	12
12	Discrete lot-sizing and scheduling problems considering renewable energy and CO2 emissions. Production Engineering, 2016, 10, 607-614.	2.3	11
13	Multi-objective parallel machine scheduling problems by considering controllable processing times. Journal of the Operational Research Society, 2016, 67, 654-663.	3.4	11
14	Scheduling two interfering job sets on parallel machines under peak power constraint. Production Engineering, 2018, 12, 611-619.	2.3	9
15	Hybrid Differential Evolution Algorithm and Adaptive Large Neighborhood Search to Solve Parallel Machine Scheduling to Minimize Energy Consumption in Consideration of Machine-Load Balance Problems. Sustainability, 2021, 13, 5470.	3.2	6
16	Variable Neighborhood Strategy Adaptive Search to Solve Parallel-Machine Scheduling to Minimize Energy Consumption While Considering Job Priority and Control Makespan. Applied Sciences (Switzerland), 2021, 11, 5311.	2.5	6
17	Dynamic job shop scheduling with fixed interval deliveries. Production Engineering, 2015, 9, 377-391.	2.3	5
18	Extending extension theory for classifying data with numerical values. Neural Computing and Applications, 2013, 23, 161-167.	5.6	2

#	Article	IF	Citations
19	Solving the bi-objective optimisation problem with periodic delivery operations using a lexicographic method. International Journal of Production Research, 2016, 54, 2275-2283.	7.5	2
20	On improving the classification accuracy of extension theory. Intelligent Decision Technologies, 2016, 10, 27-36.	0.9	1