Ying Liu

List of Publications by Year
in descending order

16	1,282	623188	940134
papers	citations	14 h-index	16 g-index

16	16	16	1272
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An investigation into minimising total energy consumption and total weighted tardiness in job shops. Journal of Cleaner Production, 2014, 65, 87-96.	4.6	221
2	A Framework for Smart Production-Logistics Systems Based on CPS and Industrial IoT. IEEE Transactions on Industrial Informatics, 2018, 14, 4019-4032.	7.2	201
3	Enhancing transportation systems via deep learning: A survey. Transportation Research Part C: Emerging Technologies, 2019, 99, 144-163.	3.9	193
4	A multi-objective genetic algorithm for optimisation of energy consumption and shop floor production performance. International Journal of Production Economics, 2016, 179, 259-272.	5.1	107
5	Minimising the machining energy consumption of a machine tool by sequencing the features of a part. Energy, 2017, 121, 292-305.	4.5	90
6	A review of optimisation techniques used in the composite recycling area: State-of-the-art and steps towards a research agenda. Journal of Cleaner Production, 2017, 140, 1775-1781.	4.6	78
7	Experimental study on energy consumption of computer numerical control machine tools. Journal of Cleaner Production, 2016, 112, 3864-3874.	4.6	70
8	Therblig-embedded value stream mapping method for lean energy machining. Energy, 2017, 138, 1081-1098.	4.5	61
9	Reducing environmental impact of production during a Rolling Blackout policy â€“ A multi-objective schedule optimisation approach. Journal of Cleaner Production, 2015, 102, 418-427.	4.6	46
10	An investigation into methods for predicting material removal energy consumption in turning. Journal of Cleaner Production, 2018, 193, 128-139.	4.6	43
11	Minimising the energy consumption of tool change and tool path of machining by sequencing the features. Energy, 2018, 147, 390-402.	4.5	41
12	Optimising the machining time, deviation and energy consumption through a multi-objective feature sequencing approach. Energy Conversion and Management, 2018, 160, 126-140.	4.4	39
13	Energy- and Labor-Aware Production Scheduling for Industrial Demand Response Using Adaptive Multiobjective Memetic Algorithm. IEEE Transactions on Industrial Informatics, 2019, 15, 942-953.	7.2	39
14	Sequencing the features to minimise the non-cutting energy consumption in machining considering the change of spindle rotation speed. Energy, 2017, 139, 935-946.	4.5	30
15	An Online Learning Collaborative Method for Traffic Forecasting and Routing Optimization. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 6634-6645.	4.7	14
16	Energy-efficient scheduling of flexible flow shop of composite recycling. International Journal of Advanced Manufacturing Technology, 2018, 97, 117-127.	1.5	9