Li-Chih Wang, 王立一

List of Publications by Year
in descending order

20	368	11	19
papers	citations	h-index	g-index

840776

794594

20	20	20	257
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Framework and deployment of a cloud-based advanced planning and scheduling system. Robotics and Computer-Integrated Manufacturing, 2021, 70, 102088.	9.9	19
2	Development of a Cloud-based Advanced Planning and Scheduling System for Automotive Parts Manufacturing Industry. Procedia Manufacturing, 2019, 38, 1532-1539.	1.9	14
3	Impact of capacity fluctuation on throughput performance for semiconductor wafer fabrication. Robotics and Computer-Integrated Manufacturing, 2019, 55, 208-216.	9.9	13
4	A multi-granularity approach for estimating the sustainability of a factory simulation model: semiconductor packaging as an example. Operational Research, 2018, 18, 711-729.	2.0	4
5	Integer nonlinear programming and optimized weighted-average approach for mobile hotel recommendation by considering travelersâ€™ unknown preferences. Operational Research, 2018, 18, 625-643.	2.0	10
6	Development of a capacity analysis and planning simulation model for semiconductor fabrication. International Journal of Advanced Manufacturing Technology, 2018, 99, 37-52.	3.0	13
7	Simulating a Semiconductor Packaging Facility: Sustainable Strategies and Short-time Evidences. Procedia Manufacturing, 2017, 11, 787-795.	1.9	1
8	Flexible supply network planning for hybrid shipment: a case study of memory module industry. International Journal of Production Research, 2016, 54, 444-458.	7.5	4
9	Demand-pull replenishment model for hospital inventory management: a dynamic buffer-adjustment approach. International Journal of Production Research, 2015, 53, 7533-7546.	7.5	23
10	A hybrid flowshop scheduling model considering dedicated machines and lot-splitting for the solar cell industry. International Journal of Systems Science, 2014, 45, 2055-2071.	5.5	7
11	A genetic algorithm for the multi-stage and parallel-machine scheduling problem with job splitting â€“ A case study for the solar cell industry. International Journal of Production Research, 2013, 51, 4755-4777.	7.5	16
12	Application of response surface methodology in the optimization of laser treatment in buckypaper lighting for field emission displays. International Journal of Advanced Manufacturing Technology, 2013, 64, 515-536.	3.0	5
13	Plasma functionalization and effect of annealing on electrical properties of MWCNT buckypaper. , 2013, , .		0
14	Distributed feedback control algorithm in an auction-based manufacturing planning and control system. International Journal of Production Research, 2013, 51, 2667-2679.	7.5	18
15	A multi-agent based agile manufacturing planning and control system. Computers and Industrial Engineering, 2009, 57, 620-640.	6.3	50
16	MODELING WITH COLORED TIMED OBJECT-ORIENTED PETRI NETS FOR AUTOMATED MANUFACTURING SYSTEMS. Computers and Industrial Engineering, 1998, 34, 463-480.	6.3	65
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18	Object-oriented Petri nets for modelling and analysis of automated manufacturing systems. Computer Integrated Manufacturing Systems, 1996, 9, 111-125.	0.1	64

#	Article	IF	Citations
19	An integrated object-oriented Petri net paradigm for manufacturing control systems. International Journal of Computer Integrated Manufacturing, 1996, 9, 73-87.	4.6	37
20	PERT-BASED PARADIGM FOR MODELING ASSEMBLY OPERATIONS. IIE Transactions, 1993, 25, 88-103.	2.1	4