

Kan Fang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2800697/publications.pdf>

Version: 2024-02-01

14
papers

1,072
citations

840776

11
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

812
citing authors

#	ARTICLE	IF	CITATIONS
1	A new approach to scheduling in manufacturing for power consumption and carbon footprint reduction. <i>Journal of Manufacturing Systems</i> , 2011, 30, 234-240.	13.9	465
2	Flow shop scheduling with peak power consumption constraints. <i>Annals of Operations Research</i> , 2013, 206, 115-145.	4.1	154
3	Energy-conscious flow shop scheduling under time-of-use electricity tariffs. <i>CIRP Annals - Manufacturing Technology</i> , 2014, 63, 37-40.	3.6	147
4	Scheduling on a single machine under time-of-use electricity tariffs. <i>Annals of Operations Research</i> , 2016, 238, 199-227.	4.1	98
5	Scheduling on a two-machine permutation flow shop under time-of-use electricity tariffs. <i>International Journal of Production Research</i> , 2018, 56, 3173-3187.	7.5	43
6	Operational optimization of a grid-connected factory with onsite photovoltaic and battery storage systems. <i>Applied Energy</i> , 2017, 205, 1538-1547.	10.1	41
7	A routing and scheduling approach to rail transportation of hazardous materials with demand due dates. <i>European Journal of Operational Research</i> , 2017, 261, 154-168.	5.7	34
8	A matheuristic approach to the orienteering problem with service time dependent profits. <i>European Journal of Operational Research</i> , 2019, 273, 488-503.	5.7	22
9	Combinatorial Benders decomposition for mixed-model two-sided assembly line balancing problem. <i>International Journal of Production Research</i> , 2022, 60, 2598-2624.	7.5	17
10	Solving the shortest path interdiction problem via reinforcement learning. <i>International Journal of Production Research</i> , 2023, 61, 31-48.	7.5	16
11	Milk-run routing problem with progress-lane in the collection of automobile parts. <i>Annals of Operations Research</i> , 2020, 291, 657-684.	4.1	14
12	A combinatorial Benders decomposition algorithm for parallel machine scheduling with working-time restrictions. <i>European Journal of Operational Research</i> , 2021, 291, 128-146.	5.7	12
13	Speed scaling in two-machine lot-streaming flow shops with consistent sublots. <i>Journal of the Operational Research Society</i> , 2021, 72, 2429-2441.	3.4	6
14	How to optimize switch virtual keyboards to trade off speed and accuracy. <i>Cognitive Research: Principles and Implications</i> , 2016, 1, 6.	2.0	3