

Junjae Chae

List of Publications by Year in descending order

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24
papers

537
citations

516681

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23
g-index

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all docs

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docs citations

24
times ranked

478
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring different airport users' service quality satisfaction between service providers and air travelers. <i>Journal of Retailing and Consumer Services</i> , 2020, 52, 101917.	9.4	75
2	Harmony search for the layout design of an unequal area facility. <i>Expert Systems With Applications</i> , 2017, 79, 269-281.	7.6	47
3	A review of the solution approaches used in recent G-VRP (Green Vehicle Routing Problem). <i>International Journal of Advanced Logistics</i> , 2014, 3, 27-37.	0.2	34
4	Effectiveness of vehicle reassignment in a large-scale overhead hoist transport system. <i>International Journal of Production Research</i> , 2007, 45, 789-802.	7.5	31
5	Layout design problems with heterogeneous area constraints. <i>Computers and Industrial Engineering</i> , 2016, 102, 198-207.	6.3	31
6	Free balancing for a shuttle-based storage and retrieval system. <i>Simulation Modelling Practice and Theory</i> , 2018, 82, 12-31.	3.8	31
7	Path Planning for Mobile Agents Using a Genetic Algorithm with a Direction Guided Factor. <i>Electronics (Switzerland)</i> , 2018, 7, 212.	3.1	31
8	A Courier Service with Electric Bicycles in an Urban Area: The Case in Seoul. <i>Sustainability</i> , 2019, 11, 1255.	3.2	31
9	A decision model to determine the number of shuttles in a tier-to-tier SBS/RS. <i>International Journal of Production Research</i> , 2019, 57, 963-984.	7.5	29
10	A closed loop based facility layout design using a cuckoo search algorithm. <i>Expert Systems With Applications</i> , 2018, 93, 322-335.	7.6	27
11	A mixed integer programming model for a double row layout problem. <i>Computers and Industrial Engineering</i> , 2020, 140, 106244.	6.3	25
12	Layout design of multi-bay facilities with limited bay flexibility. <i>Journal of Manufacturing Systems</i> , 2006, 25, 1-11.	13.9	23
13	A Performance Review of Collision-Free Path Planning Algorithms. <i>Electronics (Switzerland)</i> , 2020, 9, 316.	3.1	22
14	A simulated annealing algorithm based on a closed loop layout for facility layout design in flexible manufacturing systems. <i>International Journal of Production Research</i> , 2006, 44, 2561-2572.	7.5	20
15	A Layout- and Data-Driven Generic Simulation Model for Semiconductor Fabs. <i>IEEE Transactions on Semiconductor Manufacturing</i> , 2009, 22, 225-231.	1.7	17
16	Monarch Butterfly Optimization for Facility Layout Design Based on a Single Loop Material Handling Path. <i>Mathematics</i> , 2019, 7, 154.	2.2	17
17	Balancing the baggage handling performance of a check-in area shared by multiple airlines. <i>Journal of Air Transport Management</i> , 2017, 58, 31-49.	4.5	12
18	Simple blocking prevention for bay type path-based automated material handling systems. <i>International Journal of Advanced Manufacturing Technology</i> , 2009, 44, 809-816.	3.0	9

#	ARTICLE	IF	CITATIONS
19	Simulation Study for Semiconductor Manufacturing System: Dispatching Policies for a Wafer Test Facility. Sustainability, 2019, 11, 1119.	3.2	7
20	A monarch butterfly optimization for an unequal area facility layout problem. Soft Computing, 2021, 25, 14933-14953.	3.6	7
21	A Model for Sustainable Courier Services: Vehicle Routing with Exclusive Lanes. Sustainability, 2020, 12, 1077.	3.2	5
22	A Proposal and Analysis of New Realistic Sets of Benchmark Instances for Vehicle Routing Problems with Asymmetric Costs. Applied Sciences (Switzerland), 2021, 11, 4790.	2.5	4
23	Mutation effects in a genetic algorithm for a facility layout problem in QAP form. International Journal of Advanced Logistics, 2015, 4, 170-179.	0.2	2
24	A Fair Flow Control For Baggage Handling System in Airport. The Journal of Korean Institute of Communications and Information Sciences, 2016, 41, 1317-1327.	0.1	0