

Takashi Irohara

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8158286/publications.pdf>

Version: 2024-02-01

35
papers

456
citations

933410

10
h-index

713444

21
g-index

38
all docs

38
docs citations

38
times ranked

486
citing authors

#	ARTICLE	IF	CITATIONS
1	Scheduling for sustainable manufacturing: A review. Journal of Cleaner Production, 2018, 205, 866-883.	9.3	114
2	Stochastic optimisation model for integrated decisions on relief supply chains: preparedness for disaster response. International Journal of Production Research, 2017, 55, 979-996.	7.5	97
3	Heuristic algorithm to solve the multi-floor layout problem with the consideration of elevator utilization. Computers and Industrial Engineering, 1999, 36, 487-502.	6.3	48
4	A Review of Relief Supply Chain Optimization. Industrial Engineering and Management Systems, 2014, 13, 1-14.	0.4	34
5	Robust flow shop scheduling with random processing times for reduction of peak power consumption. Simulation Modelling Practice and Theory, 2015, 59, 102-113.	3.8	21
6	Humanitarian Relief Logistics with Time Restriction: Thai Flooding Case Study. Industrial Engineering and Management Systems, 2014, 13, 398-407.	0.4	16
7	A Study on Multi-objective Vehicle Routing Problem considering Customer Satisfaction with Due-time : The Creation of Pareto Optimal Solutions by Hybrid Genetic Algorithm. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 1998, 64, 1108-1115.	0.2	15
8	From Preparedness to Recovery: A Tri-Level Programming Model for Disaster Relief Planning. Lecture Notes in Computer Science, 2013, , 213-228.	1.3	13
9	NSGA-II variants for solving a social-conscious dual resource-constrained scheduling problem. Expert Systems With Applications, 2020, 162, 113754.	7.6	11
10	Metaheuristics for the multi-task simultaneous supervision dual resource-constrained scheduling problem. Engineering Applications of Artificial Intelligence, 2020, 96, 104004.	8.1	11
11	Supply Chain Risk Management: A Comprehensive Review. , 2018, , 3-22.		10
12	Truck scheduling problems in the cross docking network. International Journal of Logistics Systems and Management, 2019, 33, 420.	0.2	10
13	Applying Genetic Algorithm for Can-Order Policies in the Joint Replenishment Problem. Industrial Engineering and Management Systems, 2015, 14, 1-10.	0.4	10
14	Optimization model for temporary depot problem in flood disaster response. Natural Hazards, 2021, 105, 1743-1763.	3.4	9
15	A DRC Scheduling for Social Sustainability: Trade-Off Between Tardiness and Workload Balance. IFIP Advances in Information and Communication Technology, 2019, , 206-213.	0.7	5
16	A time-space network based international transportation scheduling problem incorporating CO2 emission levels. Journal of Zhejiang University: Science A, 2010, 11, 927-932.	2.4	4
17	A Design Technique of AGF Flow Path by Considering Machine Layout. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 1998, 64, 370-376.	0.2	3
18	Semiconductor supply planning by considering transit options to take advantage of pre-productions and order cancellations. Simulation Modelling Practice and Theory, 2014, 41, 46-58.	3.8	3

#	ARTICLE	IF	CITATIONS
19	Integrated Relief Supply Distribution and Evacuation: A Stochastic Approach. <i>Ecoproduction</i> , 2015, , 297-308.	0.8	3
20	Modelling Multi Tour Inventory Routing Problem for Deteriorating Items with Time Windows. <i>Scientia Iranica</i> , 2018, .	0.4	3
21	Development of a Layout Technique for Unequal Department Shapes and Areas.. <i>Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C</i> , 1994, 60, 3566-3571.	0.2	2
22	Particle swarm optimisation for truck scheduling problem in cross docking network. <i>International Journal of Industrial and Systems Engineering</i> , 2020, 35, 345.	0.2	2
23	Integrated Approach for solving Cell Formation and Layout Problems Using Genetic Algorithm.. <i>Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C</i> , 1998, 64, 362-369.	0.2	1
24	A Study on Vehicle Routing Scheduling Problem under Limited Number of Berths.. <i>Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C</i> , 2001, 67, 3345-3350.	0.2	1
25	A Multi-Criteria Double Sourcing Based Optimization Approach to Manage the Supply Chain Risk. , 2017, , .		1
26	University course timetabling problem considering day and time pattern. <i>International Journal of Operational Research</i> , 2019, 36, 375.	0.2	1
27	A New Space Filling Curve for the Layout Problem which Treat Unequal Departments Shapes and Areas.. <i>Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C</i> , 1994, 60, 3226-3232.	0.2	0
28	A Technique to Solve Dynamic Layout Problem with Fixed and Rectangular Departments. <i>Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C</i> , 1997, 63, 4050-4056.	0.2	0
29	A Layout Technique for Unequal Area and Shape Departments Considering Main Aisle.. <i>Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C</i> , 1997, 63, 4057-4064.	0.2	0
30	An Integrated Heuristic for Vehicle Routing Problem with Two-Stage Logistic System Considering Distribution Centers. A Case for Category-Freed Distribution.. <i>Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C</i> , 1998, 64, 1100-1107.	0.2	0
31	A Layout Technique of Three Dimensions for Unequal Area and Shape Departments.. <i>Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C</i> , 1999, 65, 3869-3875.	0.2	0
32	Integrated Approaches to Solve Cell Formation Problem Dealing with Machine Duplicating and Part Subcontracting.. <i>Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C</i> , 2001, 67, 873-879.	0.2	0
33	Simulated Annealing Based Heuristics to Minimize the Auxiliary Machine Area and Pipe Length Between Machines.. <i>Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C</i> , 2003, 69, 796-804.	0.2	0
34	Location routing problem with delivery modes. <i>International Journal of Logistics Systems and Management</i> , 2020, 36, 370.	0.2	0
35	A Basic Study on the Installation of Distributed Autonomous Production Scheduling System in Ubiquitous Environment. <i>International Federation for Information Processing</i> , 2010, , 41-48.	0.4	0