

Abdelghani Bekrar

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,113
citations

516215

16
h-index

433756

31
g-index

36
all docs

36
docs citations

36
times ranked

1097
citing authors

#	ARTICLE	IF	CITATIONS
1	Scheduling trucks and storage operations in a multiple-door cross-docking terminal considering multiple storage zones. <i>International Journal of Production Research</i> , 2022, 60, 1153-1177.	4.9	8
2	Fixed-Time Fractional-Order Global Sliding Mode Control for Nonholonomic Mobile Robot Systems under External Disturbances. <i>Fractal and Fractional</i> , 2022, 6, 177.	1.6	13
3	Towards designing and operating physical internet cross-docks: Problem specifications and research perspectives. <i>Omega</i> , 2022, 111, 102641.	3.6	7
4	The Effect of Machine Learning Demand Forecasting on Supply Chain Performance - The Case Study of Coffee in Vietnam. <i>Lecture Notes in Networks and Systems</i> , 2022, , 247-258.	0.5	0
5	Machine learning for demand forecasting in the physical internet: a case study of agricultural products in Thailand. <i>International Journal of Production Research</i> , 2021, 59, 7491-7515.	4.9	38
6	A Multi-agent Model for the Multi-plant Multi-product Physical Internet Supply Chain Network. <i>Studies in Computational Intelligence</i> , 2021, , 435-448.	0.7	1
7	Multi-objective Cross-Docking in Physical Internet Hubs Under Arrival Time Uncertainty. <i>Studies in Computational Intelligence</i> , 2021, , 460-472.	0.7	0
8	Multi-objective Truck Scheduling in a Physical Internet Road-Road Cross-docking Hub. <i>IFAC-PapersOnLine</i> , 2021, 54, 647-652.	0.5	2
9	Dynamic Multiple Depots Vehicle Routing in the Physical Internet context. <i>IFAC-PapersOnLine</i> , 2021, 54, 92-97.	0.5	2
10	An energy-efficient scheduling and rescheduling method for production and logistics systems. <i>International Journal of Production Research</i> , 2020, 58, 3263-3283.	4.9	30
11	Proposal of a multi-agent model for the sustainable truck scheduling and containers grouping problem in a Road-Rail physical internet hub. <i>International Journal of Production Research</i> , 2020, 58, 5477-5501.	4.9	26
12	Manufacturing 4.0 Operations Scheduling with AGV Battery Management Constraints. <i>Energies</i> , 2020, 13, 4948.	1.6	34
13	Multi-Objective Sustainable Truck Scheduling in a Rail-Road Physical Internet Cross-Docking Hub Considering Energy Consumption. <i>Sustainability</i> , 2019, 11, 3127.	1.6	30
14	A Simulation-Optimization Approach for Two-Way Scheduling/Grouping in a Road-Rail Physical Internet Hub. <i>IFAC-PapersOnLine</i> , 2019, 52, 1644-1649.	0.5	5
15	Artificial intelligence for forecasting in supply chain management: a case study of White Sugar consumption rate in Thailand. <i>IFAC-PapersOnLine</i> , 2019, 52, 725-730.	0.5	10
16	Towards Energy Efficient Scheduling of Manufacturing Systems through Collaboration between Cyber Physical Production and Energy Systems. <i>Energies</i> , 2019, 12, 4448.	1.6	22
17	An equivalent conversion method for dual-armed multi-cluster tool scheduling problems with multi-wafer types. <i>International Journal of Manufacturing Technology and Management</i> , 2019, 33, 14.	0.1	0
18	An effective and distributed particle swarm optimization algorithm for flexible job-shop scheduling problem. <i>Journal of Intelligent Manufacturing</i> , 2018, 29, 603-615.	4.4	265

#	ARTICLE	IF	CITATIONS
19	Whale optimization algorithm based optimal reactive power dispatch: A case study of the Algerian power system. <i>Electric Power Systems Research</i> , 2018, 163, 696-705.	2.1	165
20	Reactive Power Dispatch Optimization with Voltage Profile Improvement Using an Efficient Hybrid Algorithm. <i>Energies</i> , 2018, 11, 2134.	1.6	45
21	A New Rescheduling Heuristic for Flexible Job Shop Problem with Machine Disruption. <i>Studies in Computational Intelligence</i> , 2018, , 461-476.	0.7	5
22	Two stage particle swarm optimization to solve the flexible job shop predictive scheduling problem considering possible machine breakdowns. <i>Computers and Industrial Engineering</i> , 2017, 112, 595-606.	3.4	96
23	Approximate optimal method for cyclic solutions in multi-robotic cell with processing time window. <i>Robotics and Autonomous Systems</i> , 2017, 98, 307-316.	3.0	2
24	Pollux: a dynamic hybrid control architecture for flexible job shop systems. <i>International Journal of Production Research</i> , 2017, 55, 4229-4247.	4.9	45
25	A switching mechanism framework for optimal coupling of predictive scheduling and reactive control in manufacturing hybrid control architectures. <i>International Journal of Production Research</i> , 2016, 54, 7027-7042.	4.9	12
26	A rail-road PI-hub allocation problem: Active and reactive approaches. <i>Computers in Industry</i> , 2016, 81, 138-151.	5.7	36
27	An Iterative Greedy Insertion Technique for Flexible Job Shop Scheduling Problem. <i>IFAC-PapersOnLine</i> , 2016, 49, 1956-1961.	0.5	5
28	Navigation Scheme with Priority-Based Scheduling of Mobile Agents: Application to AGV-Based Flexible Manufacturing System. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2016, 82, 495-512.	2.0	19
29	An MIP approach to optimize the fundamental period of multi-cluster tools system with residency constraints. <i>IFAC-PapersOnLine</i> , 2015, 48, 1732-1737.	0.5	0
30	Solving the flexible job-shop just-in-time scheduling problem with quadratic earliness and tardiness costs. <i>International Journal of Advanced Manufacturing Technology</i> , 2015, 81, 1871-1891.	1.5	9
31	Governance mechanism in control architectures for flexible manufacturing systems. <i>IFAC-PapersOnLine</i> , 2015, 48, 1093-1098.	0.5	9
32	Coupling a genetic algorithm with the distributed arrival-time control for the JIT dynamic scheduling of flexible job-shops. <i>International Journal of Production Research</i> , 2014, 52, 3688-3709.	4.9	25
33	Efficient hybrid optimization approach for emission constrained economic dispatch with nonsmooth cost curves. <i>International Journal of Electrical Power and Energy Systems</i> , 2014, 56, 127-139.	3.3	43
34	The cross docking under uncertainty: State of the art. , 2014, , .		7
35	Benchmarking flexible job-shop scheduling and control systems. <i>Control Engineering Practice</i> , 2013, 21, 1204-1225.	3.2	87
36	An improved heuristic and an exact algorithm for the 2D strip and bin packing problem. <i>International Journal of Product Development</i> , 2010, 10, 217.	0.2	10