

# Abdelhakim Artiba

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

477  
citations

840776

11  
h-index

794594

19  
g-index

23  
all docs

23  
docs citations

23  
times ranked

394  
citing authors

#	ARTICLE	IF	CITATIONS
1	A variable neighborhood search algorithm for solving the single machine scheduling problem with periodic maintenance. <i>RAIRO - Operations Research</i> , 2019, 53, 289-302.	1.8	8
2	New MIP model for multiprocessor scheduling problem with communication delays. <i>Optimization Letters</i> , 2017, 11, 1091-1107.	1.6	11
3	Scheduling preventive railway maintenance activities with resource constraints. <i>Electronic Notes in Discrete Mathematics</i> , 2017, 58, 215-222.	0.4	27
4	An accelerated MIP model for the single machine scheduling with preventive maintenance. <i>IFAC-PapersOnLine</i> , 2016, 49, 1945-1949.	0.9	10
5	Nested general variable neighborhood search for the periodic maintenance problem. <i>European Journal of Operational Research</i> , 2016, 252, 385-396.	5.7	28
6	A joint optimization-simulation model to minimize the makespan on a repairable machine. , 2015, , .		2
7	A Variable Neighborhood Search (VNS) metaheuristic for Multiprocessor Scheduling Problem with Communication Delays. , 2015, , .		1
8	Hybrid Flow Shop Scheduling with Availability Constraints. <i>Profiles in Operations Research</i> , 2014, , 277-299.	0.4	4
9	Minimizing the weighted sum of maximum earliness and maximum tardiness costs on a single machine with periodic preventive maintenance. <i>Computers and Operations Research</i> , 2014, 47, 106-113.	4.0	34
10	Stochastic single machine scheduling with random common due date. <i>International Journal of Production Research</i> , 2012, 50, 3560-3571.	7.5	15
11	Simulation-based approach to joint production and preventive maintenance scheduling on a failure-prone machine. <i>Journal of Quality in Maintenance Engineering</i> , 2011, 17, 254-267.	1.7	17
12	An improved genetic algorithm approach for on-line optimisation problems. <i>Production Planning and Control</i> , 2011, 22, 742-753.	8.8	4
13	Johnson's algorithm: A key to solve optimally or approximately flow shop scheduling problems with unavailability periods. <i>International Journal of Production Economics</i> , 2009, 121, 81-87.	8.9	19
14	Development and integration of a reactive real-time decision support system in the aluminum industry. <i>Engineering Applications of Artificial Intelligence</i> , 2009, 22, 897-905.	8.1	11
15	A generic production rules-based system for on-line simulation, decision making and discrete process control. <i>International Journal of Production Economics</i> , 2008, 112, 62-76.	8.9	19
16	A generic framework to support the selection of an RFID-based control system with application to the MRO activities of an aircraft engine manufacturer. <i>Production Planning and Control</i> , 2008, 19, 183-196.	8.8	37
17	Scheduling two-stage hybrid flow shop with availability constraints. <i>Computers and Operations Research</i> , 2006, 33, 1399-1419.	4.0	89
18	Organisational innovation: 4A, a generic model for reengineering and optimization of the hospital processes. , 2006, , .		0

#	ARTICLE	IF	CITATIONS
19	Adaptive Manufacturing: A Real-Time Simulation-Based Control System. , 2006, , .		1
20	Sequencing a hybrid two-stage flowshop with dedicated machines. International Journal of Production Research, 2002, 40, 4353-4380.	7.5	32
21	A hybrid three-stage flowshop problem: Efficient heuristics to minimize makespan. European Journal of Operational Research, 1998, 109, 321-329.	5.7	93
22	An application of a planning and scheduling multi-model approach in the chemical industry. Computers in Industry, 1998, 36, 209-229.	9.9	12