

Aziz Moukrim

List of Publications by Year in descending order

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65
papers

1,186
citations

393982

19
h-index

395343

33
g-index

65
all docs

65
docs citations

65
times ranked

821
citing authors

#	ARTICLE	IF	CITATIONS
1	An effective PSO-inspired algorithm for the team orienteering problem. <i>European Journal of Operational Research</i> , 2013, 229, 332-344.	3.5	98
2	A memetic algorithm for the team orienteering problem. <i>4or</i> , 2010, 8, 49-70.	1.0	82
3	An MILP for scheduling problems in an FMS with one vehicle. <i>European Journal of Operational Research</i> , 2009, 199, 706-722.	3.5	78
4	Heuristic solutions for the vehicle routing problem with time windows and synchronized visits. <i>Optimization Letters</i> , 2016, 10, 511-525.	0.9	68
5	A new constraint programming approach for the orthogonal packing problem. <i>Computers and Operations Research</i> , 2008, 35, 944-959.	2.4	67
6	A new exact method for the two-dimensional orthogonal packing problem. <i>European Journal of Operational Research</i> , 2007, 183, 1196-1211.	3.5	64
7	New reduction procedures and lower bounds for the two-dimensional bin packing problem with fixed orientation. <i>Computers and Operations Research</i> , 2007, 34, 2223-2250.	2.4	63
8	Solving the team orienteering problem with cutting planes. <i>Computers and Operations Research</i> , 2016, 74, 21-30.	2.4	45
9	Simultaneous job input sequencing and vehicle dispatching in a single-vehicle automated guided vehicle system: a heuristic branch-and-bound approach coupled with a discrete events simulation model. <i>International Journal of Production Research</i> , 2005, 43, 1911-1942.	4.9	43
10	A Memetic Algorithm for staff scheduling problem in airport security service. <i>Expert Systems With Applications</i> , 2013, 40, 7504-7512.	4.4	42
11	An optimization-based heuristic for the robotic cell problem. <i>European Journal of Operational Research</i> , 2010, 202, 636-645.	3.5	38
12	Heuristic and metaheuristic methods for computing graph treewidth. <i>RAIRO - Operations Research</i> , 2004, 38, 13-26.	1.0	37
13	A Branch-and-Cut Algorithm for Solving the Team Orienteering Problem. <i>Lecture Notes in Computer Science</i> , 2013, , 332-339.	1.0	27
14	An effective branch-and-price algorithm for the Preemptive Resource Constrained Project Scheduling Problem based on minimal Interval Order Enumeration. <i>European Journal of Operational Research</i> , 2015, 244, 360-368.	3.5	27
15	New Lower and Upper Bounds for Graph Treewidth. <i>Lecture Notes in Computer Science</i> , 2003, , 70-80.	1.0	25
16	New resolution algorithm and pretreatments for the two-dimensional bin-packing problem. <i>Computers and Operations Research</i> , 2008, 35, 3184-3201.	2.4	24
17	A Simulated Annealing Algorithm for the Vehicle Routing Problem with Time Windows and Synchronization Constraints. <i>Lecture Notes in Computer Science</i> , 2013, , 259-265.	1.0	24
18	An exact method for graph coloring. <i>Computers and Operations Research</i> , 2006, 33, 2189-2207.	2.4	21

#	ARTICLE	IF	CITATIONS
19	The project scheduling problem with production and consumption of resources: A list-scheduling based algorithm. <i>Discrete Applied Mathematics</i> , 2009, 157, 3631-3642.	0.5	19
20	A PSO-Based Memetic Algorithm for the Team Orienteering Problem. <i>Lecture Notes in Computer Science</i> , 2011, , 471-480.	1.0	19
21	A new exact method for the two-dimensional bin-packing problem with fixed orientation. <i>Operations Research Letters</i> , 2007, 35, 357-364.	0.5	18
22	Lower Bounds for the Minimal Sum Coloring Problem. <i>Electronic Notes in Discrete Mathematics</i> , 2010, 36, 663-670.	0.4	18
23	Exact resolution of the one-machine sequencing problem with no machine idle time. <i>Computers and Industrial Engineering</i> , 2010, 59, 193-199.	3.4	18
24	Sensitivity analysis of tree scheduling on two machines with communication delays. <i>Parallel Computing</i> , 2004, 30, 103-120.	1.3	16
25	A PSO based algorithm with an efficient optimal split procedure for the multiperiod vehicle routing problem with profit. <i>Annals of Operations Research</i> , 2020, 291, 281-316.	2.6	14
26	The clustered team orienteering problem. <i>Computers and Operations Research</i> , 2019, 111, 386-399.	2.4	13
27	Optimal scheduling on parallel machines for a new order class. <i>Operations Research Letters</i> , 1999, 24, 91-95.	0.5	12
28	Optimal preemptive scheduling on a fixed number of identical parallel machines. <i>Operations Research Letters</i> , 2005, 33, 143-150.	0.5	12
29	A variable space search heuristic for the Capacitated Team Orienteering Problem. <i>Journal of Heuristics</i> , 2019, 25, 273-303.	1.1	12
30	Effective neighborhood search with optimal splitting and adaptive memory for the team orienteering problem with time windows. <i>Computers and Operations Research</i> , 2020, 123, 105039.	2.4	10
31	Exact Method for Robotic Cell Problem. <i>Electronic Notes in Discrete Mathematics</i> , 2010, 36, 859-866.	0.4	9
32	Subgraph extraction and metaheuristics for the maximum clique problem. <i>Journal of Heuristics</i> , 2012, 18, 767-794.	1.1	9
33	A branch and bound algorithm for the two-machine flowshop problem with unit-time operations and time delays. <i>RAIRO - Operations Research</i> , 2014, 48, 235-254.	1.0	9
34	Exact methods for the robotic cell problem. <i>Flexible Services and Manufacturing Journal</i> , 2011, 23, 242-261.	1.9	8
35	Preprocessing and an improved MIP model for examination timetabling. <i>Annals of Operations Research</i> , 2015, 229, 19-40.	2.6	8
36	Parallel Machine Scheduling with Uncertain Communication Delays. <i>RAIRO - Operations Research</i> , 2003, 37, 1-16.	1.0	7

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37	Lower bounds and compact mathematical formulations for spacing soft constraints for university examination timetabling problems. <i>Computers and Operations Research</i> , 2019, 106, 133-142.	2.4	7
38	Scheduling with Communication Delays and On-Line Disturbances. <i>Lecture Notes in Computer Science</i> , 1999, , 350-357.	1.0	7
39	The Coffman–Graham Algorithm Optimally Solves UET Task Systems with Overinterval Orders. <i>SIAM Journal on Discrete Mathematics</i> , 2005, 19, 109-121.	0.4	6
40	A new combinatorial approach for coordinating aerial conflicts given uncertainties regarding aircraft speeds. <i>International Journal of Production Economics</i> , 2008, 112, 226-235.	5.1	6
41	New data-dependent dual-feasible functions and lower bounds for a two-dimensional bin-packing problem. <i>International Journal of Production Research</i> , 2009, 47, 537-560.	4.9	6
42	A New Graph-Theoretical Model for the Guillotine-Cutting Problem. <i>INFORMS Journal on Computing</i> , 2013, 25, 72-86.	1.0	6
43	Staff scheduling in airport security service. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2012, 45, 1413-1418.	0.4	5
44	Introduction to Flexibility and Robustness in Scheduling. , 0, , 15-33.		5
45	An adaptive heuristic for the Capacitated Team Orienteering Problem. <i>IFAC-PapersOnLine</i> , 2016, 49, 1662-1666.	0.5	4
46	Storage Resources. , 2015, , 177-189.		4
47	Scheduling unitary task systems with zero“one communication delays for quasi-interval orders. <i>Discrete Applied Mathematics</i> , 2003, 127, 461-476.	0.5	3
48	A Memetic Algorithm for the Team Orienteering Problem. <i>Lecture Notes in Computer Science</i> , 2008, , 649-658.	1.0	3
49	A matheuristic for exam timetabling. <i>IFAC-PapersOnLine</i> , 2016, 49, 1289-1294.	0.5	3
50	Hybrid Evolutionary Algorithm With Insertion Heuristics For The Flexible Job Shop Problem. , 2006, , .		2
51	Exact method for the two-machine flow-shop problem with time delays. <i>Annals of Operations Research</i> , 2021, 298, 375-406.	2.6	2
52	Scheduling with communication delays and data routing in message passing architectures. <i>Lecture Notes in Computer Science</i> , 1998, , 438-451.	1.0	2
53	New Lower Bounds on the Number of Vehicles for the Vehicle Routing Problem with Time Windows. <i>Lecture Notes in Computer Science</i> , 2014, , 422-437.	1.0	2
54	Memetic Algorithm with an Efficient Split Procedure for the Team Orienteering Problem with Time Windows. <i>Lecture Notes in Computer Science</i> , 2014, , 183-194.	1.0	2

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55	A New Graph-Theoretical Model for k-Dimensional Guillotine-Cutting Problems. , 2008, , 43-54.		2
56	GRASPÊles and set cover hybrid heuristic for the synchronized team orienteering problem with time windows. International Transactions in Operational Research, 2023, 30, 946-969.	1.8	2
57	Branch and Price for Preemptive and Non Preemptive RCPSP Based on Interval Orders on Precedence Graphs. Studies in Computational Intelligence, 2015, , 85-106.	0.7	1
58	The student scheduling problem at UniversitÀ de Technologie de CompiÀgne. Expert Systems With Applications, 2021, 175, 114735.	4.4	1
59	Hybrid Heuristic for the Clustered Orienteering Problem. Lecture Notes in Computer Science, 2017, , 19-33.	1.0	1
60	Non-preemptive Profile Scheduling and Quasi Interval Orders. Electronic Notes in Discrete Mathematics, 1999, 3, 133-139.	0.4	0
61	A polynomial algorithm for recognizing the A -order class. Discrete Mathematics, 2000, 200, 1200-1204.	0.4	0
62	Branch and price with constraint propagation for Resource Constrained Project Scheduling Problem. , 2014, , .		0
63	Polynomial algorithms for some scheduling problems with one nonrenewable resource. RAIRO - Operations Research, 2021, 55, 3493-3511.	1.0	0
64	Project Scheduling with Production and Consumption of Resources: How to Build Schedules. , 0, , 161-170.		0
65	Sensitivity Analysis for One andm Machines. , 0, , 73-98.		0