

Maria Battarra

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,144
citations

393982

19
h-index

476904

29
g-index

31
all docs

31
docs citations

31
times ranked

1097
citing authors

#	ARTICLE	IF	CITATIONS
1	Algorithms for the Calzedonia workload allocation problem. Journal of the Operational Research Society, 2021, 72, 2004-2017.	2.1	5
2	Glider Routing and Trajectory Optimisation in disaster assessment. European Journal of Operational Research, 2019, 274, 1138-1154.	3.5	18
3	The opportunity cost of time window violations. EURO Journal on Transportation and Logistics, 2018, 7, 343-361.	1.3	5
4	Disaster preparedness using risk-assessment methods from earthquake engineering. European Journal of Operational Research, 2018, 269, 423-435.	3.5	31
5	The unmanned aerial vehicle routing and trajectory optimisation problem, a taxonomic review. Computers and Industrial Engineering, 2018, 120, 116-128.	3.4	125
6	The Block Retrieval Problem. European Journal of Operational Research, 2018, 265, 931-950.	3.5	22
7	Exact solution of the single-machine scheduling problem with periodic maintenances and sequence-dependent setup times. European Journal of Operational Research, 2018, 266, 498-507.	3.5	24
8	Scheduling twin robots in a palletising problem. International Journal of Production Research, 2018, 56, 518-542.	4.9	9
9	The Vehicle Routing Problem with Release and Due Dates. INFORMS Journal on Computing, 2017, 29, 705-723.	1.0	37
10	Location of a hierarchy of HIV/AIDS test laboratories in an inbound hub network: case study in South Africa. Journal of the Operational Research Society, 2017, 68, 1068-1081.	2.1	7
11	Erratum "Exact Algorithms for the Clustered Vehicle Routing Problem. Operations Research, 2016, 64, 456-457.	1.2	3
12	An exact algorithm for the static rebalancing problem arising in bicycle sharing systems. European Journal of Operational Research, 2015, 245, 667-679.	3.5	161
13	An adaptive guidance meta-heuristic for the vehicle routing problem with splits and clustered backhauls. Journal of the Operational Research Society, 2015, 66, 1222-1235.	2.1	19
14	Guest editorial: Recent trends in vehicle routing. Networks, 2015, 65, 101-101.	1.6	0
15	Hybrid metaheuristics for the Clustered Vehicle Routing Problem. Computers and Operations Research, 2015, 58, 87-99.	2.4	65
16	Chapter 6: Pickup-and-Delivery Problems for Goods Transportation. , 2014, , 161-191.		53
17	Scheduling twin robots on a line. Naval Research Logistics, 2014, 61, 119-130.	1.4	22
18	Exact algorithms for the traveling salesman problem with draft limits. European Journal of Operational Research, 2014, 235, 115-128.	3.5	29

#	ARTICLE	IF	CITATIONS
19	An Iterated Local Search heuristic for the single machine total weighted tardiness scheduling problem with sequence-dependent setup times. <i>International Journal of Production Research</i> , 2014, 52, 2729-2742.	4.9	71
20	Exact Algorithms for the Clustered Vehicle Routing Problem. <i>Operations Research</i> , 2014, 62, 58-71.	1.2	89
21	An iterated local search algorithm for the Travelling Salesman Problem with Pickups and Deliveries. <i>Journal of the Operational Research Society</i> , 2013, 64, 402-409.	2.1	35
22	An evolutionary approach for tuning parametric Esau and Williams heuristics. <i>Journal of the Operational Research Society</i> , 2012, 63, 368-378.	2.1	4
23	Metaheuristics for the traveling salesman problem with pickups, deliveries and handling costs. <i>Computers and Operations Research</i> , 2012, 39, 1074-1086.	2.4	24
24	Exact and heuristic algorithms for routing problems. <i>4or</i> , 2011, 9, 421-424.	1.0	7
25	Leveraging saving-based algorithms by master-slave genetic algorithms. <i>Engineering Applications of Artificial Intelligence</i> , 2011, 24, 555-566.	4.3	12
26	The Traveling Salesman Problem with Pickups, Deliveries, and Handling Costs. <i>Transportation Science</i> , 2010, 44, 383-399.	2.6	41
27	Valid inequalities for the fleet size and mix vehicle routing problem with fixed costs. <i>Networks</i> , 2009, 54, 178-189.	1.6	25
28	An adaptive guidance approach for the heuristic solution of a minimum multiple trip vehicle routing problem. <i>Computers and Operations Research</i> , 2009, 36, 3041-3050.	2.4	79
29	Routing a Heterogeneous Fleet of Vehicles. <i>Operations Research/ Computer Science Interfaces Series</i> , 2008, , 3-27.	0.3	101
30	Tuning a parametric Clarke-Wright heuristic via a genetic algorithm. <i>Journal of the Operational Research Society</i> , 2008, 59, 1568-1572.	2.1	20