Geraldo Mauri

List of Publications by Year
in descending order

44 papers	544 citations	686830 13 h-index	676716 22 g-index
46 all docs	46 docs citations	46 times ranked	460 citing authors

#	ARTICLE	IF	CITATIONS
1	An adaptive large neighborhood search for the discrete and continuous Berth allocation problem. Computers and Operations Research, 2016, 70, 140-154.	2.4	72
2	Clustering Search for the Berth Allocation Problem. Expert Systems With Applications, 2012, 39, 5499-5505.	4.4	69
3	A simple and robust Simulated Annealing algorithm for scheduling workover rigs on onshore oil fields. Computers and Industrial Engineering, 2011, 60, 519-526.	3.4	30
4	A comparison of three metaheuristics for the workover rig routing problem. European Journal of Operational Research, 2012, 220, 28-36.	3.5	30
5	A new mathematical model and a Lagrangean decomposition for the point-feature cartographic label placement problem. Computers and Operations Research, 2010, 37, 2164-2172.	2.4	25
6	A Clustering Search metaheuristic for the Point-Feature Cartographic Label Placement Problem. European Journal of Operational Research, 2014, 234, 802-808.	3.5	25
7	A mathematical model and a Clustering Search metaheuristic for planning the helicopter transportation of employees to the production platforms of oil and gas. Computers and Industrial Engineering, 2016, 101, 303-312.	3.4	25
8	Berth allocation in an ore terminal with demurrage, despatch and maintenance. Computers and Industrial Engineering, 2016, 96, 8-15.	3.4	25
9	General Multiobjective Model and Simulated Annealing Algorithm for Waste-Load Allocation. Journal of Water Resources Planning and Management - ASCE, 2013, 139, 339-344.	1.3	22
10	A hybrid matheuristic for the Two-Stage Capacitated Facility Location problem. Expert Systems With Applications, 2021, 185, 115501.	4.4	19
11	Customers' satisfaction in a dial-a-ride problem. IEEE Intelligent Transportation Systems Magazine, 2009, 1, 6-14.	2.6	17
12	A Grasp with Path-Relinking for the Workover Rig Scheduling Problem. International Journal of Natural Computing Research, 2010, 1, 1-14.	0.5	15
13	New approaches for the traffic counting location problem. Expert Systems With Applications, 2019, 132, 189-198.	4.4	13
14	Improving a Lagrangian decomposition for the unconstrained binary quadratic programming problem. Computers and Operations Research, 2012, 39, 1577-1581.	2.4	10
15	Improved mathematical model and bounds for the crop rotation scheduling problem with adjacency constraints. European Journal of Operational Research, 2019, 278, 120-135.	3.5	10
16	A new hybrid heuristic for driver scheduling. International Journal of Hybrid Intelligent Systems, 2007, 4, 39-47.	0.9	9
17	Lagrangean decompositions for the unconstrained binary quadratic programming problem. International Transactions in Operational Research, 2011, 18, 257-270.	1.8	9
18	A lagrangean decomposition for the maximum independent set problem applied to map labeling. Operational Research, 2011, 11, 229-243.	1.3	9

#	Article	IF	Citations
19	A new hybrid matheuristic of GRASP and VNS based on constructive heuristics, set-covering and set-partitioning formulations applied to the capacitated vehicle routing problem. Expert Systems With Applications, 2021, 184, 115556.	4.4	9
20	A column generation approach for the unconstrained binary quadratic programming problem. European Journal of Operational Research, 2012, 217, 69-74.	3.5	7
21	Optimizing forest road planning in a sustainable forest management area in the Brazilian Amazon. Journal of Environmental Management, 2021, 288, 112332.	3.8	7
22	Hybrid heuristics based on column generation with path-relinking for clustering problems. Expert Systems With Applications, 2014, 41, 5277-5284.	4.4	6
23	A Clustering Search Metaheuristic for the Bi-objective Flexible Job Shop Scheduling Problem. , 2018, , .		6
24	Routing model applied to forest inventory vehicles planning. Computers and Electronics in Agriculture, 2020, 175, 105544.	3.7	6
25	Hybrid metaheuristics to solve a multiproduct twoâ€stage capacitated facility location problem. International Transactions in Operational Research, 2021, 28, 3069-3093.	1.8	6
26	Uma nova abordagem para o problema dial-a-ride. Production, 2009, 19, 41-54.	1.3	5
27	A simulated annealing metaheuristic for the bi-objective flexible job shop scheduling problem. , 2018, , .		5
28	ResoluÃ§Ã£o do problema de alocaÃ§Ã£o de berÃ§os atravÃ©s de uma tÃ©cnica de geraÃ§Ã£o de colunas. Pesquisa Operacional, 2010, 30, 547-562.	0.1	5
29	Network sensor location problem with monitored lanes: Branch-and-cut and clustering search solution techniques. Computers and Industrial Engineering, 2020, 150, 106827.	3.4	4
30	Metaheuristics applied for storage yards allocation in an Amazonian sustainable forest management area. Journal of Environmental Management, 2020, 271, 110926.	3.8	4
31	Data for a meta-analysis of the adaptive layer in adaptive large neighborhood search. Data in Brief, 2020, 33, 106568.	0.5	3
32	DecomposiÃ§Ãµes Lagrangeanas para o problema de programaÃ§Ã£o quadrÃ¡tica binÃ¡ria irrestrita. Pesquisa Operacional, 2009, 29, 111-127.	0.1	1
33	Planning the berth allocation problem in developing countries with multiple cargos and cargo priority by a mathematical model and a clustering search metaheuristic. International Journal of Logistics Systems and Management, 2017, 28, 397.	0.2	1
34	A Network Flow Based Construction for a GRASP $$+$$ SA Algorithm to Solve the University Timetabling Problem. Lecture Notes in Computer Science, 2019, , 215-231.	1.0	1
35	Neighborhood Analysis on the University Timetabling Problem. Lecture Notes in Computer Science, 2017, , 148-164.	1.0	1
36	Modelo matemÃ¡tico e meta-heurÃstica Simulated Annealing para o problema de alocaÃ§Ã£o de berÃ§os com mÃºltiplas cargas. Transportes, 2016, 24, 51.	0.3	1

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37	A MILP Model and a GRASP Algorithm for the Helicopter Routing Problem with Multi-Trips and Time Windows. Lecture Notes in Computer Science, 2019, , 204-218.	1.0	1
38	Geração de colunas com divisão em clusters para o problema de programação quadrática binária irrestrita. Gestão & Produção, 2009, 16, 515-525.	0.5	0
39	Evaluation of a simulated annealing metaheuristic to solve a forest planning problem. International Journal of Advanced Operations Management, 2013, 5, 376.	0.3	0
40	Resolução de um caso real do problema dial-a-ride multicritério via clustering search. Production, 2014, 24, 572-582.	1.3	0
41	A Grasp with Path-Relinking for the Workover Rig Scheduling Problem. , 2012, , 90-103.		0
42	Planning the berth allocation problem in developing countries with multiple cargos and cargo priority by a mathematical model and a clustering search metaheuristic. International Journal of Logistics Systems and Management, 2017, 28, 397.	0.2	0
43	UM SISTEMA PARA REGULAR A PRODUÇÃO FLORESTAL POR MEIO DA FORMAÇÃO OTIMIZADA DE UNIDADES DE PRODUÇÃO. Revista Engenharia Na Agricultura - REVENG, 2019, 27, 45-53.	0.2	0
44	A New Hybridization of Evolutionary Algorithms, GRASP and Set-Partitioning Formulation for the Capacitated Vehicle Routing Problem. Lecture Notes in Computer Science, 2020, , 3-17.	1.0	0