

# Geraldo Mauri

## List of Publications by Year in descending order

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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	Optimizing forest road planning in a sustainable forest management area in the Brazilian Amazon. <i>Journal of Environmental Management</i> , 2021, 288, 112332.	3.8	7
2	A hybrid matheuristic for the Two-Stage Capacitated Facility Location problem. <i>Expert Systems With Applications</i> , 2021, 185, 115501.	4.4	19
3	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. <i>Expert Systems With Applications</i> , 2021, 184, 115556.	4.4	9
4	Hybrid metaheuristics to solve a multiproduct two-stage capacitated facility location problem. <i>International Transactions in Operational Research</i> , 2021, 28, 3069-3093.	1.8	6
5	Network sensor location problem with monitored lanes: Branch-and-cut and clustering search solution techniques. <i>Computers and Industrial Engineering</i> , 2020, 150, 106827.	3.4	4
6	Metaheuristics applied for storage yards allocation in an Amazonian sustainable forest management area. <i>Journal of Environmental Management</i> , 2020, 271, 110926.	3.8	4
7	Data for a meta-analysis of the adaptive layer in adaptive large neighborhood search. <i>Data in Brief</i> , 2020, 33, 106568.	0.5	3
8	Routing model applied to forest inventory vehicles planning. <i>Computers and Electronics in Agriculture</i> , 2020, 175, 105544.	3.7	6
9	A New Hybridization of Evolutionary Algorithms, GRASP and Set-Partitioning Formulation for the Capacitated Vehicle Routing Problem. <i>Lecture Notes in Computer Science</i> , 2020, , 3-17.	1.0	0
10	A Network Flow Based Construction for a GRASP SA Algorithm to Solve the University Timetabling Problem. <i>Lecture Notes in Computer Science</i> , 2019, , 215-231.	1.0	1
11	Improved mathematical model and bounds for the crop rotation scheduling problem with adjacency constraints. <i>European Journal of Operational Research</i> , 2019, 278, 120-135.	3.5	10
12	New approaches for the traffic counting location problem. <i>Expert Systems With Applications</i> , 2019, 132, 189-198.	4.4	13
13	A MILP Model and a GRASP Algorithm for the Helicopter Routing Problem with Multi-Trips and Time Windows. <i>Lecture Notes in Computer Science</i> , 2019, , 204-218.	1.0	1
14	UM SISTEMA PARA REGULAR A PRODUÇÃO FLORESTAL POR MEIO DA FORMAÇÃO OTIMIZADA DE UNIDADES DE PRODUÇÃO. <i>Revista Engenharia Na Agricultura - REVENG</i> , 2019, 27, 45-53.	0.2	0
15	A simulated annealing metaheuristic for the bi-objective flexible job shop scheduling problem. , 2018, , .		5
16	A Clustering Search Metaheuristic for the Bi-objective Flexible Job Shop Scheduling Problem. , 2018, , .		6
17	Planning the berth allocation problem in developing countries with multiple cargos and cargo priority by a mathematical model and a clustering search metaheuristic. <i>International Journal of Logistics Systems and Management</i> , 2017, 28, 397.	0.2	1
18	Neighborhood Analysis on the University Timetabling Problem. <i>Lecture Notes in Computer Science</i> , 2017, , 148-164.	1.0	1

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19	Planning the berth allocation problem in developing countries with multiple cargos and cargo priority by a mathematical model and a clustering search metaheuristic. <i>International Journal of Logistics Systems and Management</i> , 2017, 28, 397.	0.2	0
20	A mathematical model and a Clustering Search metaheuristic for planning the helicopter transportation of employees to the production platforms of oil and gas. <i>Computers and Industrial Engineering</i> , 2016, 101, 303-312.	3.4	25
21	An adaptive large neighborhood search for the discrete and continuous Berth allocation problem. <i>Computers and Operations Research</i> , 2016, 70, 140-154.	2.4	72
22	Berth allocation in an ore terminal with demurrage, despatch and maintenance. <i>Computers and Industrial Engineering</i> , 2016, 96, 8-15.	3.4	25
23	Modelo matemático e meta-heurística Simulated Annealing para o problema de alocação de berços com múltiplas cargas. <i>Transportes</i> , 2016, 24, 51.	0.3	1
24	Resolução de um caso real do problema dial-a-ride multicritério via clustering search. <i>Production</i> , 2014, 24, 572-582.	1.3	0
25	Hybrid heuristics based on column generation with path-relinking for clustering problems. <i>Expert Systems With Applications</i> , 2014, 41, 5277-5284.	4.4	6
26	A Clustering Search metaheuristic for the Point-Feature Cartographic Label Placement Problem. <i>European Journal of Operational Research</i> , 2014, 234, 802-808.	3.5	25
27	Evaluation of a simulated annealing metaheuristic to solve a forest planning problem. <i>International Journal of Advanced Operations Management</i> , 2013, 5, 376.	0.3	0
28	General Multiobjective Model and Simulated Annealing Algorithm for Waste-Load Allocation. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2013, 139, 339-344.	1.3	22
29	Improving a Lagrangian decomposition for the unconstrained binary quadratic programming problem. <i>Computers and Operations Research</i> , 2012, 39, 1577-1581.	2.4	10
30	A column generation approach for the unconstrained binary quadratic programming problem. <i>European Journal of Operational Research</i> , 2012, 217, 69-74.	3.5	7
31	A comparison of three metaheuristics for the workover rig routing problem. <i>European Journal of Operational Research</i> , 2012, 220, 28-36.	3.5	30
32	Clustering Search for the Berth Allocation Problem. <i>Expert Systems With Applications</i> , 2012, 39, 5499-5505.	4.4	69
33	A Grasp with Path-ReLinking for the Workover Rig Scheduling Problem. , 2012, , 90-103.		0
34	Lagrangian decompositions for the unconstrained binary quadratic programming problem. <i>International Transactions in Operational Research</i> , 2011, 18, 257-270.	1.8	9
35	A lagrangean decomposition for the maximum independent set problem applied to map labeling. <i>Operational Research</i> , 2011, 11, 229-243.	1.3	9
36	A simple and robust Simulated Annealing algorithm for scheduling workover rigs on onshore oil fields. <i>Computers and Industrial Engineering</i> , 2011, 60, 519-526.	3.4	30

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37	A new mathematical model and a Lagrangean decomposition for the point-feature cartographic label placement problem. <i>Computers and Operations Research</i> , 2010, 37, 2164-2172.	2.4	25
38	A Grasp with Path-Relinking for the Workover Rig Scheduling Problem. <i>International Journal of Natural Computing Research</i> , 2010, 1, 1-14.	0.5	15
39	Resolução do problema de alocação de berços através de uma técnica de geração de colunas. <i>Pesquisa Operacional</i> , 2010, 30, 547-562.	0.1	5
40	Decomposições Lagrangeanas para o problema de programação quadrática binária irrestrita. <i>Pesquisa Operacional</i> , 2009, 29, 111-127.	0.1	1
41	Geração de colunas com divisão em clusters para o problema de programação quadrática binária irrestrita. <i>Gestão &amp; Produção</i> , 2009, 16, 515-525.	0.5	0
42	Uma nova abordagem para o problema dial-a-ride. <i>Production</i> , 2009, 19, 41-54.	1.3	5
43	Customers' satisfaction in a dial-a-ride problem. <i>IEEE Intelligent Transportation Systems Magazine</i> , 2009, 1, 6-14.	2.6	17
44	A new hybrid heuristic for driver scheduling. <i>International Journal of Hybrid Intelligent Systems</i> , 2007, 4, 39-47.	0.9	9