

Reinaldo Morabito

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

199
papers

3,170
citations

31
h-index

46
g-index

210
ext. papers

3,659
ext. citations

3
avg, IF

5.8
L-index

#	Paper	IF	Citations
199	Three-dimensional container loading models with cargo stability and load bearing constraints. <i>Computers and Operations Research</i> , 2012, 39, 74-85	4.6	99
198	Solution approaches for the soft drink integrated production lot sizing and scheduling problem. <i>European Journal of Operational Research</i> , 2009, 196, 697-706	5.6	98
197	Production planning in furniture settings via robust optimization. <i>Computers and Operations Research</i> , 2012, 39, 139-150	4.6	93
196	An optimization approach for ambulance location and the districting of the response segments on highways. <i>European Journal of Operational Research</i> , 2009, 195, 528-542	5.6	77
195	Analysis of ambulance decentralization in an urban emergency medical service using the hypercube queueing model. <i>Computers and Operations Research</i> , 2007, 34, 727-741	4.6	77
194	An AND/OR-graph approach to the container loading problem. <i>International Transactions in Operational Research</i> , 1994, 1, 59-73	2.9	77
193	Towards unified formulations and extensions of two classical probabilistic location models. <i>Computers and Operations Research</i> , 2005, 32, 15-33	4.6	73
192	Staged and constrained two-dimensional guillotine cutting problems: An AND/OR-graph approach. <i>European Journal of Operational Research</i> , 1996, 94, 548-560	5.6	68
191	Multi-population genetic algorithm to solve the synchronized and integrated two-level lot sizing and scheduling problem. <i>International Journal of Production Research</i> , 2009, 47, 3097-3119	7.8	64
190	Lot sizing and sequencing optimisation at an animal-feed plant. <i>Computers and Industrial Engineering</i> , 2009, 57, 813-821	6.4	61
189	Analysing emergency medical service ambulance deployment on a Brazilian highway using the hypercube model. <i>Journal of the Operational Research Society</i> , 2001, 52, 261-270	2	55
188	A discrete simulation analysis of a logistics supply system. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2006, 42, 191-210	9	54
187	A multiple dispatch and partial backup hypercube queuing model to analyze emergency medical systems on highways. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2007, 43, 755-771	9	52
186	Vehicle routing with multiple deliverymen: Modeling and heuristic approaches for the VRPTW. <i>European Journal of Operational Research</i> , 2012, 218, 636-647	5.6	51
185	A simple and effective recursive procedure for the manufacturer's pallet loading problem. <i>Journal of the Operational Research Society</i> , 1998, 49, 819-828	2	51
184	An AND/OR-graph approach to the solution of two-dimensional non-guillotine cutting problems. <i>European Journal of Operational Research</i> , 1995, 84, 599-617	5.6	50
183	An AND/OR-graph Approach to the Container Loading Problem. <i>International Transactions in Operational Research</i> , 1994, 1, 59-73	2.9	48

182	STATE-OF-THE-ART SURVEY: OPEN QUEUEING NETWORKS: OPTIMIZATION AND PERFORMANCE EVALUATION MODELS FOR DISCRETE MANUFACTURING SYSTEMS. <i>Production and Operations Management</i> , 2009 , 5, 163-193	3.6	46
181	An andâor-graph approach for two-dimensional cutting problems. <i>European Journal of Operational Research</i> , 1992 , 58, 263-271	5.6	46
180	Single-stage formulations for synchronised two-stage lot sizing and scheduling in soft drink production. <i>International Journal of Production Economics</i> , 2012 , 136, 255-265	9.3	45
179	Relax and fix heuristics to solve one-stage one-machine lot-scheduling models for small-scale soft drink plants. <i>Computers and Operations Research</i> , 2010 , 37, 684-691	4.6	45
178	Emergency service systems: The use of the hypercube queueing model in the solution of probabilistic location problems. <i>International Transactions in Operational Research</i> , 2008 , 15, 525-549	2.9	45
177	A hypercube queueing model embedded into a genetic algorithm for ambulance deployment on highways. <i>Annals of Operations Research</i> , 2007 , 157, 207-224	3.2	44
176	Optimizing the cutting of stock plates in a furniture company. <i>International Journal of Production Research</i> , 2000 , 38, 2725-2742	7.8	43
175	MIP-based approaches for the container loading problem with multi-drop constraints. <i>Annals of Operations Research</i> , 2012 , 199, 51-75	3.2	41
174	Benders decomposition applied to a robust multiple allocation incomplete hub location problem. <i>Computers and Operations Research</i> , 2018 , 89, 31-50	4.6	41
173	Loading optimization of palletized products on trucks. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2000 , 36, 285-296	9	39
172	Production setup-sequencing and lot-sizing at an animal nutrition plant through atsp subtour elimination and patching. <i>Journal of Scheduling</i> , 2010 , 13, 111-121	1.6	38
171	An optimization model for the aggregate production planning of a Brazilian sugar and ethanol milling company. <i>Annals of Operations Research</i> , 2009 , 169, 117-130	3.2	36
170	An optimization approach for the lot sizing and scheduling problem in the brewery industry. <i>Computers and Industrial Engineering</i> , 2014 , 72, 58-71	6.4	33
169	An effective recursive partitioning approach for the packing of identical rectangles in a rectangle. <i>Journal of the Operational Research Society</i> , 2010 , 61, 306-320	2	31
168	The cutting stock problem in a hardboard industry: A case study. <i>Computers and Operations Research</i> , 1998 , 25, 469-485	4.6	31
167	Optimization approaches to support decision making in the production planning of a citrus company: A Brazilian case study. <i>Computers and Electronics in Agriculture</i> , 2014 , 107, 45-57	6.5	30
166	A genetic algorithm/mathematical programming approach to solve a two-level soft drink production problem. <i>Computers and Operations Research</i> , 2014 , 48, 40-52	4.6	30
165	Iterated local search and simulated annealing algorithms for the inventory routing problem. <i>International Transactions in Operational Research</i> , 2018 , 25, 1785-1809	2.9	30

164	Linear models for 1-group two-dimensional guillotine cutting problems. <i>International Journal of Production Research</i> , 2006 , 44, 3471-3491	7.8	29
163	Some experiments with a simple tabu search algorithm for the manufacturer's pallet loading problem. <i>Computers and Operations Research</i> , 2006 , 33, 804-819	4.6	29
162	A note on solutions to the maximal expected covering location problem. <i>Computers and Operations Research</i> , 2003 , 30, 87-96	4.6	29
161	Incorporating priorities for waiting customers in the hypercube queuing model with application to an emergency medical service system in Brazil. <i>European Journal of Operational Research</i> , 2015 , 242, 274-285	5.6	28
160	Risk-averse two-stage stochastic programs in furniture plants. <i>OR Spectrum</i> , 2013 , 35, 773-806	1.9	28
159	Optimizing large-scale emergency medical system operations on highways using the hypercube queuing model. <i>Socio-Economic Planning Sciences</i> , 2011 , 45, 105-117	3.7	28
158	An L-approach for packing ($\alpha\beta w$)-rectangles into rectangular and L-shaped pieces. <i>Journal of the Operational Research Society</i> , 2003 , 54, 777-789	2	28
157	An n-tet graph approach for non-guillotine packings of n-dimensional boxes into an n-container. <i>European Journal of Operational Research</i> , 2002 , 141, 421-439	5.6	27
156	The Robust Vehicle Routing Problem with Time Windows: Compact Formulation and Branch-Price-and-Cut Method. <i>Transportation Science</i> , 2019 , 53, 1043-1066	4.4	26
155	Pickup and delivery problem with time windows: A new compact two-index formulation. <i>Operations Research Letters</i> , 2017 , 45, 334-341	1	25
154	A heuristic approach based on dynamic programming and and/or-graph search for the constrained two-dimensional guillotine cutting problem. <i>Annals of Operations Research</i> , 2010 , 179, 297-315	3.2	25
153	A note on linear models for two-group and three-group two-dimensional guillotine cutting problems. <i>International Journal of Production Research</i> , 2008 , 46, 6189-6206	7.8	24
152	Heuristic algorithms for a three-dimensional loading capacitated vehicle routing problem in a carrier. <i>Computers and Industrial Engineering</i> , 2015 , 88, 110-130	6.4	23
151	Routing and fleet deployment in liner shipping with spot voyages. <i>Transportation Research Part C: Emerging Technologies</i> , 2015 , 57, 188-205	8.4	23
150	An optimization model for the vehicle routing problem with practical three-dimensional loading constraints. <i>International Transactions in Operational Research</i> , 2013 , 20, 645-666	2.9	23
149	Efficient Benders decomposition algorithms for the robust multiple allocation incomplete hub location problem with service time requirements. <i>Expert Systems With Applications</i> , 2018 , 93, 50-61	7.8	20
148	COMBINING PROCESS SELECTION AND LOT SIZING MODELS FOR PRODUCTION SCHEDULING OF ELECTROFUSED GRAINS. <i>Asia-Pacific Journal of Operational Research</i> , 2009 , 26, 421-443	0.8	20
147	Cutting optimization of structural tubes to build agricultural light aircrafts. <i>Annals of Operations Research</i> , 2009 , 169, 149-165	3.2	20

146	Production and logistics planning in the tomato processing industry: A conceptual scheme and mathematical model. <i>Computers and Electronics in Agriculture</i> , 2016 , 127, 763-774	6.5	19
145	Generating unconstrained two-dimensional non-guillotine cutting patterns by a Recursive Partitioning Algorithm. <i>Journal of the Operational Research Society</i> , 2012 , 63, 183-200	2	19
144	Two-stage two-dimensional guillotine cutting stock problems with usable leftover. <i>International Transactions in Operational Research</i> , 2016 , 23, 121-145	2.9	19
143	Modeling and solving a sugarcane harvest front scheduling problem. <i>International Journal of Production Economics</i> , 2019 , 213, 150-160	9.3	17
142	A robust optimization approach for cash flow management in stationery companies. <i>Computers and Industrial Engineering</i> , 2016 , 99, 137-152	6.4	17
141	Approximate decomposition methods for the analysis of multicommodity flow routing in generalized queuing networks. <i>European Journal of Operational Research</i> , 2014 , 232, 618-629	5.6	17
140	Non-homogeneous servers in emergency medical systems: Practical applications using the hypercube queueing model. <i>Socio-Economic Planning Sciences</i> , 2008 , 42, 255-270	3.7	17
139	AN OVERVIEW OF TRADEOFF CURVES IN MANUFACTURING SYSTEMS DESIGN. <i>Production and Operations Management</i> , 2009 , 8, 56-75	3.6	16
138	Robust optimisation approach applied to the analysis of production / logistics and crop planning in the tomato processing industry. <i>International Journal of Production Research</i> , 2016 , 54, 5842-5861	7.8	16
137	A decomposition heuristic for a rich production routing problem. <i>Computers and Operations Research</i> , 2018 , 98, 211-230	4.6	16
136	Unequal individual genetic algorithm with intelligent diversification for the lot-scheduling problem in integrated mills using multiple-paper machines. <i>Computers and Operations Research</i> , 2015 , 59, 33-50	4.6	15
135	A spatially distributed queuing model considering dispatching policies with server reservation. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2015 , 75, 49-66	9	15
134	Performance evaluation and capacity planning in a metallurgical job-shop system using open queueing network models. <i>International Journal of Production Research</i> , 2009 , 47, 6589-6609	7.8	15
133	A note on an L-approach for solving the manufacturer's pallet loading problem. <i>Journal of the Operational Research Society</i> , 2005 , 56, 1448-1451	2	15
132	An integrated approach for production lot sizing and raw material purchasing. <i>European Journal of Operational Research</i> , 2018 , 269, 923-938	5.6	14
131	A hybrid approach for a multi-compartment container loading problem. <i>Expert Systems With Applications</i> , 2019 , 137, 471-492	7.8	14
130	Um modelo de otimização para o planejamento agregado da produção em usinas de açúcar e etanol. <i>Gestão & Produção</i> , 2007 , 14, 25-41	0.9	13
129	O uso do modelo hipercubo na solução de problemas de localização probabilísticos. <i>Gestão & Produção</i> , 2000 , 7, 146-174	0.9	13

128	Optimizing multiship routing and scheduling with constraints on inventory levels in a Brazilian oil company. <i>International Transactions in Operational Research</i> , 2018 , 25, 1163-1198	2.9	13
127	The Synchronized and Integrated Two-Level Lot Sizing and Scheduling Problem: Evaluating the Generalized Mathematical Model. <i>Mathematical Problems in Engineering</i> , 2015 , 2015, 1-18	1.1	12
126	Production and logistics planning considering circulation taxes in a multi-plant seed corn company. <i>Computers and Electronics in Agriculture</i> , 2012 , 84, 100-110	6.5	12
125	Um modelo de otimização para o problema integrado de dimensionamento de lotes e programação da produção em fábricas de refrigerantes. <i>Pesquisa Operacional</i> , 2007 , 27, 155-186	0.3	12
124	The dynamic vehicle allocation problem with application in trucking companies in Brazil. <i>Computers and Operations Research</i> , 2016 , 76, 118-133	4.6	12
123	Towards hypercube queuing models for dispatch policies with priority in queue and partial backup. <i>Computers and Operations Research</i> , 2017 , 84, 92-105	4.6	11
122	MIP models for two-dimensional non-guillotine cutting problems with usable leftovers. <i>Journal of the Operational Research Society</i> , 2014 , 65, 1649-1663	2	11
121	A tutorial on hypercube queuing models and some practical applications in Emergency Service Systems. <i>Pesquisa Operacional</i> , 2011 , 31, 271-299	0.3	11
120	Abordagens de otimização para a programação e sequenciamento das frentes de colheita de cana-de-açúcar. <i>Gestão & Produção</i> , 2017 , 24, 407-422	0.9	10
119	Optimizing the order picking of a scholar and office supplies warehouse. <i>International Journal of Advanced Manufacturing Technology</i> , 2016 , 87, 2327-2336	3.2	10
118	A coupled process configuration, lot-sizing and scheduling model for production planning in the molded pulp industry. <i>International Journal of Production Economics</i> , 2018 , 204, 227-243	9.3	10
117	Production scheduling of assembly fixtures in the aeronautical industry. <i>Computers and Industrial Engineering</i> , 2014 , 67, 195-203	6.4	10
116	A note on time/cost tradeoff curve generation for project scheduling with multi-mode resource availability costs. <i>International Journal of Operational Research</i> , 2009 , 5, 429	0.9	10
115	Optimising the cutting of wood fibre plates in the hardboard industry. <i>European Journal of Operational Research</i> , 2007 , 183, 1405-1420	5.6	10
114	Um modelo baseado em programação linear e programação de metas para análise de um sistema de produção e distribuição de suco concentrado congelado de laranja. <i>Gestão & Produção</i> , 2001 , 8, 139-159	0.9	10
113	Um modelo de otimização linear para o planejamento agregado da produção e logística de sementes de milho. <i>Production</i> , 2006 , 16, 510-525	1.3	10
112	Robust optimization for the vehicle routing problem with multiple deliverymen. <i>Central European Journal of Operations Research</i> , 2019 , 27, 905-936	2.2	10
111	On solving three-dimensional open-dimension rectangular packing problems. <i>Engineering Optimization</i> , 2017 , 49, 733-745	2	9

110	Application of network flow models for the cash management of an agribusiness company. <i>Computers and Industrial Engineering</i> , 2011, 61, 848-857	6.4	9
109	Formulations, branch-and-cut and a hybrid heuristic algorithm for an inventory routing problem with perishable products. <i>European Journal of Operational Research</i> , 2020, 283, 511-529	5.6	9
108	Ship Routing with Pickup and Delivery for a Maritime Oil Transportation System: MIP Model and Heuristics. <i>Systems</i> , 2016, 4, 31	3	9
107	The constrained two-dimensional guillotine cutting problem with defects: an ILP formulation, a Benders decomposition and a CP-based algorithm. <i>International Journal of Production Research</i> , 2020, 58, 2712-2729	7.8	9
106	Inventory routing under stochastic supply and demand. <i>Omega</i> , 2021, 102, 102304	7.2	9
105	MODELING AND SOLVING THE TRAVELING SALESMAN PROBLEM WITH PRIORITY PRIZES. <i>Pesquisa Operacional</i> , 2018, 38, 499-522	0.3	9
104	Optimization approaches to support the planning and analysis of travel itineraries. <i>Expert Systems With Applications</i> , 2018, 112, 321-330	7.8	9
103	A multi-start heuristic for the ship routing and scheduling of an oil company. <i>Computers and Industrial Engineering</i> , 2019, 136, 464-476	6.4	8
102	Otimizaó no planejamento agregado de produó em indústrias de processamento de suco concentrado congelado de laranja. <i>Gest&o & Produ&oacute;</i> , 2010, 17, 465-481	0.9	8
101	Abordagens para otimizaó integrada dos problemas de geraó e seqúenciamento de padres de corte: caso unidimensional. <i>Pesquisa Operacional</i> , 2005, 25, 417-447	0.3	8
100	Otimizaó no dimensionamento e seqúenciamento de lotes de produó: estudo de caso numa fúbrica de ralos. <i>Gest&o & Produ&oacute;</i> , 2005, 12, 203-217	0.9	8
99	A Goal Programming Model for Frozen Concentrated Orange Juice Production and Distribution Systems. <i>Opsearch</i> , 2001, 38, 630-646	1.6	8
98	Performance Of Two Heuristics For Solving Large Scale Two-Dimensional Guillotine Cutting Problems. <i>Infor</i> , 1995, 33, 145-155	0.5	8
97	Models for the two-dimensional rectangular single large placement problem with guillotine cuts and constrained pattern. <i>International Transactions in Operational Research</i> , 2020, 27, 767-793	2.9	8
96	Production planning in the molded pulp packaging industry. <i>Computers and Industrial Engineering</i> , 2016, 98, 554-566	6.4	7
95	Special issue on cutting, packing and related problems. <i>International Transactions in Operational Research</i> , 2009, 16, 659-659	2.9	7
94	Um modelo de otimizaó inteira mista e heurúticas relax and fix para a programação da produção de fúbricas de refrigerantes de pequeno porte. <i>Production</i> , 2008, 18, 76-88	1.3	7
93	Planejamento otimizado da produó e logústica de empresas produtoras de sementes de milho: um estudo de caso. <i>Gest&o & Produ&oacute;</i> , 2008, 15, 367-380	0.9	7

92	A bottom-up packing approach for modeling the constrained two-dimensional guillotine placement problem. <i>Computers and Operations Research</i> , 2020 , 115, 104851	4.6	7
91	Formulation and MIP-heuristics for the lot sizing and scheduling problem with temporal cleanings. <i>Computers and Chemical Engineering</i> , 2020 , 142, 107038	4	7
90	A decomposition heuristic to solve the two-stage lot sizing and scheduling problem with temporal cleaning. <i>Flexible Services and Manufacturing Journal</i> , 2019 , 31, 142-173	1.8	7
89	Optimization Models for the Three-Dimensional Container Loading Problem with Practical Constraints. <i>Springer Optimization and Its Applications</i> , 2012 , 271-293	0.4	6
88	Um método heurístico baseado em programação dinâmica para o problema de corte bidimensional guilhotinado restrito. <i>Gestão & Produção</i> , 2002 , 9, 78-92	0.9	6
87	Análise do sistema logístico de recepção de cana-de-açúcar: um estudo de caso utilizando simulação discreta. <i>Gestão & Produção</i> , 2002 , 9, 107-127	0.9	6
86	An exact optimization approach for an integrated process configuration, lot-sizing, and scheduling problem. <i>Computers and Operations Research</i> , 2019 , 103, 310-323	4.6	6
85	A branch-price-and-cut algorithm for the vehicle routing problem with time windows and multiple deliverymen. <i>Top</i> , 2018 , 26, 437-464	1.3	6
84	Scheduling of production and logistics operations of steam production systems in food industries: a case study of the tomato processing industry. <i>Journal of the Operational Research Society</i> , 2014 , 65, 1896 ² -1904 ⁵		
83	Aplicação do modelo hipercubo de filas para avaliar a descentralização de ambulâncias em um sistema urbano de atendimento médico de urgência. <i>Pesquisa Operacional</i> , 2004 , 24, 39-71	0.3	5
82	Otimização nos padrões de corte de chapas de fibra de madeira reconstituída: um estudo de caso. <i>Pesquisa Operacional</i> , 2005 , 25, 391-415	0.3	5
81	Otimização na programação da produção de grãos eletrofundidos: um estudo de caso. <i>Gestão & Produção</i> , 2005 , 12, 135-149	0.9	5
80	Um algoritmo exato para o problema de programação de projetos com custo de disponibilidade de recursos e múltiplos modos. <i>Pesquisa Operacional</i> , 2007 , 27, 27-49	0.3	5
79	Modelos de otimização para problemas de carregamento de containers com considerações de estabilidade e de empilhamento. <i>Pesquisa Operacional</i> , 2010 , 30, 73-98	0.3	5
78	Programação da produção de gabinetes de montagem com restrições de adjacência na indústria aeronáutica. <i>Production</i> , 2011 , 21, 696-707	1.3	5
77	Mathematical model and solution approaches for integrated lot-sizing, scheduling and cutting stock problems. <i>Annals of Operations Research</i> , 2020 , 295, 695-736	3.2	5
76	Um estudo sobre localização de terminais intermodais na rede de escoamento da soja brasileira. <i>Production</i> , 2016 , 26, 562-580	1.3	5
75	MIP models for production lot sizing problems with distribution costs and cargo arrangement. <i>Journal of the Operational Research Society</i> , 2016 , 67, 1395-1407	2	5

74	Optimization model for a production, inventory, distribution and routing problem in small furniture companies. <i>Top</i> , 2017, 26, 30	1.3	4
73	Otimizaõ da programação da produção de bebidas base de frutas por meio de modelos de programação inteira mista. <i>Gestão & Produção</i> , 2017, 24, 64-77	0.9	4
72	Alternative Mathematical Models and Solution Approaches for Lot-Sizing and Scheduling Problems in the Brewery Industry: Analyzing Two Different Situations. <i>Mathematical Problems in Engineering</i> , 2017, 2017, 1-18	1.1	4
71	Análise da configuraõ de SAMU utilizando m<iplas alternativas de localizaõ de ambulâncias. <i>Gestão & Produção</i> , 2013, 20, 287-302	0.9	4
70	Otimizaõ da programação de cargas de forno em uma fábrica de fundição em aço-inox. <i>Gestão & Produção</i> , 2004, 11, 135-151	0.9	4
69	Aplicação do modelo hipercubo para análise de um sistema médico-emergencial em rodovia. <i>Gestão & Produção</i> , 2000, 7, 73-91	0.9	4
68	Programação estocástica robusta aplicada ao planejamento agregado de safra em usinas cooperadas do setor sucroenergético. <i>Gestão & Produção</i> , 2011, 18, 719-738	0.9	4
67	Uma abordagem de otimização robusta no planejamento agregado de produção na indústria clínica. <i>Production</i> , 2013, 23, 422-435	1.3	4
66	Two-stage and one-group two-dimensional guillotine cutting problems with defects: a CP-based algorithm and ILP formulations. <i>International Journal of Production Research</i> , 1-20	7.8	4
65	Mixed integer formulations for a coupled lot-scheduling and vehicle routing problem in furniture settings. <i>Infor</i> , 2019, 57, 563-596	0.5	3
64	Análise de problemas de partiõ de instalaõs em sistemas job-shops por meio de modelos de redes de filas. <i>Pesquisa Operacional</i> , 2007, 27, 333-356	0.3	3
63	Modelo hipercubo integrado a um algoritmo genético para análise de sistemas médicos emergenciais em rodovias. <i>Gestão & Produção</i> , 2006, 13, 93-104	0.9	3
62	Modelo de fila hipercubo com múltiplo despacho e backup parcial para análise de sistemas de atendimento médico emergenciais em rodovias. <i>Pesquisa Operacional</i> , 2006, 26, 493-519	0.3	3
61	Uma heurística de busca tabu simples para o problema de carregamento de paletes do produtor. <i>Pesquisa Operacional</i> , 2003, 23, 359-378	0.3	3
60	Analyzing the Trade-off Between Investing in Service Channels and Satisfying the Targeted User Service for Brazilian Internet Service Providers. <i>International Transactions in Operational Research</i> , 2002, 9, 247-259	2.9	3
59	Um exame dos modelos de redes de filas abertas aplicados a sistemas de manufatura discretos: parte II. <i>Gestão & Produção</i> , 1995, 2, 297-321	0.9	3
58	Uma proposta alternativa para avaliação do desempenho de sistemas de transporte emergencial de saúde brasileiros. <i>Transportes</i> , 2001, 9,	1	3
57	Exact approaches to the robust vehicle routing problem with time windows and multiple deliverymen. <i>Computers and Operations Research</i> , 2020, 124, 105062	4.6	3

56	A branch-and-price method for the vehicle allocation problem. <i>Computers and Industrial Engineering</i> , 2020 , 149, 106745	6.4	3
55	Exact and heuristic approaches to reschedule helicopter flights for personnel transportation in the oil industry. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2021 , 151, 102322	9	3
54	Planejamento da produção sob incerteza: programação estocástica versus otimização robusta. <i>Gestão & Produção</i> , 2015 , 22, 539-551	0.9	2
53	Extensão do modelo hipercubo para análise de sistemas de atendimento médico emergencial com prioridade na fila. <i>Production</i> , 2014 , 24, 1-12	1.3	2
52	Planejamento hierárquico da produção em usinas de açúcar e etanol: modelagem de otimização robusta. <i>Production</i> , 2014 , 24, 644-663	1.3	2
51	Otimização na alocação dinâmica de veículos no transporte rodoviário de cargas completas entre terminais. <i>Gestão & Produção</i> , 2014 , 21, 271-284	0.9	2
50	O problema combinado de planejamento da produção e corte de estoque sob incertezas: aplicação em fábricas de mísseis de pequeno porte. <i>Gestão & Produção</i> , 2013 , 20, 111-133	0.9	2
49	Abordagens para problemas de carregamento de contêineres com considerações de múltiplos destinos. <i>Gestão & Produção</i> , 2011 , 18, 265-284	0.9	2
48	A Tabu search algorithm for solving the extended maximal availability location problem. <i>International Transactions in Operational Research</i> , 2011 , 18, 663-678	2.9	2
47	Otimização da localização das bases de ambulâncias e do dimensionamento das suas regiões de cobertura em rodovias. <i>Production</i> , 2008 , 18, 47-63	1.3	2
46	Combinação de abordagens GLSP e ATSP para o problema de dimensionamento e sequenciamento de lotes de produção de suplementos para nutrição animal. <i>Pesquisa Operacional</i> , 2008 , 28, 423-450	0.3	2
45	Um algoritmo branch-and-bound para o problema de programação de projetos com custo de disponibilidade de recursos e múltiplos modos. <i>Gestão & Produção</i> , 2007 , 14, 545-555	0.9	2
44	Métodos exatos baseados em relaxações lagrangiana e surrogate para o problema de carregamento de paletes do produtor. <i>Pesquisa Operacional</i> , 2006 , 26, 403-432	0.3	2
43	Um modelo para analisar o problema de filas em caixas de supermercados: um estudo de caso. <i>Pesquisa Operacional</i> , 2000 , 20, 59-71	0.3	2
42	Um método heurístico baseado em relaxação Lagrangiana para o problema de carregamento de paletes do produtor. <i>Pesquisa Operacional</i> , 2000 , 20, 197-212	0.3	2
41	Heurísticas para os problemas de geração e sequenciamento de padrões de corte bidimensionais. <i>Pesquisa Operacional</i> , 2007 , 27, 549-568	0.3	2
40	Geração de padrões de cortes bidimensionais guilhotinados restritos via programação dinâmica e busca em grafo-e/ou. <i>Production</i> , 2007 , 17, 33-51	1.3	2
39	Otimização do planejamento hierárquico da produção em usinas cooperadas do setor sucroenergético. <i>Production</i> , 2013 , 23, 449-467	1.3	2

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37	An optimization model for the operations of steam production in industrial boilers. <i>Gestão & Produção</i> , 2012, 19, 273-286	0.9	2
36	Um modelo de fluxos e localização de terminais intermodais para escoamento da soja brasileira destinada à exportação. <i>Gestão & Produção</i> , 2012, 19, 717-732	0.9	2
35	Modelos matemáticos para problemas de dimensionamento de lotes com restrições de capacidade e custos de transporte. <i>Gestão & Produção</i> , 2013, 20, 573-586	0.9	2
34	Otimização na programação de montagens na indústria aeronáutica. <i>Gestão & Produção</i> , 2014, 21, 33-44	0.9	2
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32	Cash flow management by risk-neutral and risk-averse stochastic approaches. <i>Journal of the Operational Research Society</i> , 2020, 71, 55-68	2	2
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30	Cotas para el problema de asignación de vehículos. <i>DYNA (Colombia)</i> , 2019, 86, 329-335	0.6	1
29	Uma nota sobre modelagem matemática de carregamento de caixas dentro de contêineres com considerações de estabilidade da carga. <i>Production</i> , 2015, 25, 113-124	1.3	1
28	Roteamento de multi-fluxos em redes de filas genéticas. <i>Pesquisa Operacional</i> , 2010, 30, 583-600	0.3	1
27	Otimização do carregamento de produtos paletizados em caminhões. <i>Gestão & Produção</i> , 1997, 4, 234-252	0.9	1
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