

Reinaldo Morabito

List of Publications by Year in Descending Order

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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	Time-dependent performance evaluation of tire repair emergency systems in the agricultural stage of sugarcane mills. <i>Computers and Electronics in Agriculture</i> , 2022 , 193, 106701	6.5	0
198	The vehicle allocation problem: Alternative formulation and branch-and-price method. <i>Computers and Operations Research</i> , 2022 , 144, 105784	4.6	
197	Datasets for lot sizing and scheduling problems in the fruit-based beverage production process. <i>Data in Brief</i> , 2021 , 35, 106810	1.2	1
196	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
195	Inventory routing under stochastic supply and demand. <i>Omega</i> , 2021 , 102, 102304	7.2	9
194	Three-dimensional guillotine cutting problems with constrained patterns: MILP formulations and a bottom-up algorithm. <i>Expert Systems With Applications</i> , 2021 , 168, 114257	7.8	1
193	A heuristic approach to optimize the production scheduling of fruit-based beverages. <i>Gestão & Produção</i> , 2020 , 27,	0.9	1
192	Application of queueing models with abandonment for Call Center congestion analysis. <i>Gestão & Produção</i> , 2020 , 27,	0.9	2
191	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
190	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
189	A hierarchical supply chain model for the sugar-alcohol energy sector with robust optimization analysis. <i>International Transactions in Operational Research</i> , 2020 ,	2.9	1
188	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
187	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
186	A branch-and-price method for the vehicle allocation problem. <i>Computers and Industrial Engineering</i> , 2020 , 149, 106745	6.4	3
185	A top-down cutting approach for modeling the constrained two- and three-dimensional guillotine cutting problems. <i>Journal of the Operational Research Society</i> , 2020 , 1-15	2	1
184	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
183	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

182	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
181	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
180	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
179	Cotas para el problema de asignació de vehículos. <i>DYNA (Colombia)</i> , 2019 , 86, 329-335	0.6	1
178	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
177	Modeling and solving a sugarcane harvest front scheduling problem. <i>International Journal of Production Economics</i> , 2019 , 213, 150-160	9.3	17
176	A hybrid approach for a multi-compartment container loading problem. <i>Expert Systems With Applications</i> , 2019 , 137, 471-492	7.8	14
175	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
174	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
173	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
172	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
171	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
170	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
169	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
168	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
167	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
166	MODELING AND SOLVING THE TRAVELING SALESMAN PROBLEM WITH PRIORITY PRIZES. <i>Pesquisa Operacional</i> , 2018 , 38, 499-522	0.3	9
165	Programaçao e sequenciamento das frentes de colheita de cana-de-açao: modelo e métodos de solução para problemas de grande porte. <i>Gestão & Produção</i> , 2018 , 25, 132-147	0.9	1

164	Caracterização, modelagem e simulação de enlace congestionado de uma universidade. <i>Gestão & Produção</i> , 2018, 25, 583-594	0.9
163	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
162	A decomposition heuristic for a rich production routing problem. <i>Computers and Operations Research</i> , 2018, 98, 211-230	4.6 16
161	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
160	Optimization approaches to support the planning and analysis of travel itineraries. <i>Expert Systems With Applications</i> , 2018, 112, 321-330	7.8 9
159	Analyzing an emergency maintenance system in the agriculture stage of a Brazilian sugarcane mill using an approximate hypercube method. <i>Computers and Electronics in Agriculture</i> , 2018, 151, 441-452	6.5 2
158	On solving three-dimensional open-dimension rectangular packing problems. <i>Engineering Optimization</i> , 2017, 49, 733-745	2 9
157	Pickup and delivery problem with time windows: A new compact two-index formulation. <i>Operations Research Letters</i> , 2017, 45, 334-341	1 25
156	Optimization model for a production, inventory, distribution and routing problem in small furniture companies. <i>Top</i> , 2017, 26, 30	1.3 4
155	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
154	Otimização da programação da produção de bebidas à base de frutas por meio de modelos de programação inteira mista. <i>Gestão & Produção</i> , 2017, 24, 64-77	0.9 4
153	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
152	Abordagens de otimização para um problema de roteirização e programação de navios petroleiros. <i>Gestão & Produção</i> , 2017, 24, 790-805	0.9 0
151	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
150	O problema de coleta e entrega com janelas de tempo na indústria petrolífera: modelos e métodos branch-and-cut. <i>Gestão & Produção</i> , 2017, 24, 501-513	0.9 1
149	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
148	A robust optimization approach for cash flow management in stationery companies. <i>Computers and Industrial Engineering</i> , 2016, 99, 137-152	6.4 17
147	Production planning in the molded pulp packaging industry. <i>Computers and Industrial Engineering</i> , 2016, 98, 554-566	6.4 7

146	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
145	Um estudo sobre localiza&ao de terminais intermodais na rede de escoamento da soja brasileira. <i>Production</i> , 2016 , 26, 562-580	1.3	5
144	Ship Routing with Pickup and Delivery for a Maritime Oil Transportation System: MIP Model and Heuristics. <i>Systems</i> , 2016 , 4, 31	3	9
143	Dimensionamento e aloca&ao din&amica de ve&culos no transporte rodovi&o de cargas completas entre terminais. <i>Production</i> , 2016 , 26, 430-444	1.3	1
142	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
141	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
140	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
139	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
138	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
137	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
136	Production and Logistics Planning in Seed Corn. <i>Profiles in Operations Research</i> , 2015 , 55-77	1	
135	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
134	Uma nota sobre modelagem matem&atica de carregamento de caixas dentro de contenedores com considera&es de estabilidade da carga. <i>Production</i> , 2015 , 25, 113-124	1.3	1
133	Modelos de programaó estoc&stica no planejamento da produó de empresas moveleiras. <i>Production</i> , 2015 , 25, 657-677	1.3	0
132	Planejamento de uma montagem estrutural aeron&atica de jatos utilizando abordagens de programaó de projetos com recursos restritos e m&ultiplos modos. <i>Gest&oacute; & Produ&oacute;</i> , 2015 , 22, 254-266	0.9	
131	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
130	Planejamento da produó sob incerteza: programaó estoc&stica versus otimizaó robusta. <i>Gest&oacute; & Produ&oacute;</i> , 2015 , 22, 539-551	0.9	2
129	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

128	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
127	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
126	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
125	Production scheduling of assembly fixtures in the aeronautical industry. <i>Computers and Industrial Engineering</i> , 2014, 67, 195-203	6.4	10
124	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
123	Planejamento hierárquico da produção em usinas de aço e fio: modelagem de otimização robusta. <i>Production</i> , 2014, 24, 644-663	1.3	2
122	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
121	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
120	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		
119	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
118	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
117	Otimização na programação de montagens na indústria aeronáutica. <i>Gestão & Produção</i> , 2014, 21, 33-44	0.9	2
116	Risk-averse two-stage stochastic programs in furniture plants. <i>OR Spectrum</i> , 2013, 35, 773-806	1.9	28
115	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
114	Análise da configuração de SAMU utilizando múltiplas alternativas de localização de ambulâncias. <i>Gestão & Produção</i> , 2013, 20, 287-302	0.9	4
113	Modelos lineares e não lineares inteiros para problemas da mochila bidimensional restrita a 2 estágios. <i>Production</i> , 2013, 23, 887-896	1.3	
112	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
111	Formulações monoestágio para o problema de programação da produção de bebidas dois estágios com sincronia. <i>Production</i> , 2013, 23, 107-119	1.3	

110	Otimizaó do planejamento hierárquico da produó em usinas cooperadas do setor sucroenergético. <i>Production</i> , 2013, 23, 449-467	1.3	2
109	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
108	Uma abordagem de otimização robusta no planejamento agregado de produção na indústria cítrica. <i>Production</i> , 2013, 23, 422-435	1.3	4
107	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
106	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
105	Production planning in furniture settings via robust optimization. <i>Computers and Operations Research</i> , 2012, 39, 139-150	4.6	93
104	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
103	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
102	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
101	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
100	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
99	An optimization model for the operations of steam production in industrial boilers. <i>Gestão & Produção</i> , 2012, 19, 273-286	0.9	2
98	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
97	A tutorial on hypercube queueing models and some practical applications in Emergency Service Systems. <i>Pesquisa Operacional</i> , 2011, 31, 271-299	0.3	11
96	Abordagens para problemas de carregamento de contêineres com considerações de múltiplos destinos. <i>Gestão & Produção</i> , 2011, 18, 265-284	0.9	2
95	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
94	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
93	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

92	Programa $\ddot{\text{o}}$ da produ $\ddot{\text{o}}$ de gabinetes de montagem com restri $\ddot{\text{e}}\mathbf{s}$ de adjac $\ddot{\text{e}}\mathbf{a}$ ncia na ind $\ddot{\text{e}}\mathbf{stria}$ aeron $\ddot{\text{u}}\mathbf{tica}.$ <i>Production</i> , 2011, 21, 696-707	1.3	5
91	Programa $\ddot{\text{o}}$ estoc $\ddot{\text{a}}\mathbf{stica}$ robusta aplicada ao planejamento agregado de safra em usinas cooperadas do setor sucroenerg $\ddot{\text{t}}\mathbf{ico}.$ <i>Gest$\ddot{\text{o}}$ & Produ$\ddot{\text{o}}$</i> , 2011, 18, 719-738	0.9	4
90	Otimiza $\ddot{\text{o}}$ no planejamento agregado de produ $\ddot{\text{o}}$ em ind $\ddot{\text{e}}\mathbf{stria}$ s de processamento de suco concentrado congelado de laranja. <i>Gest$\ddot{\text{o}}$ & Produ$\ddot{\text{o}}$</i> , 2010, 17, 465-481	0.9	8
89	Otimiza $\ddot{\text{o}}$ de fluxos em rede na gest $\ddot{\text{o}}$ financeira do caixa: aplica $\ddot{\text{o}}$ em uma empresa agroindustrial. <i>Production</i> , 2010, 20, 251-264	1.3	
88	Roteamento de multi-fluxos em redes de filas gen $\ddot{\text{e}}\mathbf{ticas}.$ <i>Pesquisa Operacional</i> , 2010, 30, 583-600	0.3	1
87	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
86	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
85	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
84	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
83	Modelos de otimiza $\ddot{\text{o}}$ para problemas de carregamento de cont $\ddot{\text{e}}\mathbf{rreis}$ com considera $\ddot{\text{e}}\mathbf{s}$ de estabilidade e de empilhamento. <i>Pesquisa Operacional</i> , 2010, 30, 73-98	0.3	5
82	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
81	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
80	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
79	Cutting optimization of structural tubes to build agricultural light aircrafts. <i>Annals of Operations Research</i> , 2009, 169, 149-165	3.2	20
78	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
77	Special issue on cutting, packing and related problems. <i>International Transactions in Operational Research</i> , 2009, 16, 659-659	2.9	7
76	Lot sizing and sequencing optimisation at an animal-feed plant. <i>Computers and Industrial Engineering</i> , 2009, 57, 813-821	6.4	61
75	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

74	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
73	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
72	AN OVERVIEW OF TRADEOFF CURVES IN MANUFACTURING SYSTEMS DESIGN. <i>Production and Operations Management</i> , 2009, 8, 56-75	3.6	16
71	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
70	A importância da rapidez de atendimento em supermercados: um estudo de caso. <i>Gestão & Produção</i> , 2009, 16, 1-14	0.9	1
69	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
68	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
67	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
66	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
65	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
64	Modelos de programação inteira mista para o planejamento do corte unidimensional de tubos metálicos na indústria aeronáutica agrícola. <i>Gestão & Produção</i> , 2008, 15, 605-617	0.9	1
63	Um modelo de otimização inteira mista e heurísticas relax and fix para a programação da produção de fábricas de refrigerantes de pequeno porte. <i>Production</i> , 2008, 18, 76-88	1.3	7
62	Planejamento otimizado da produção e logística de empresas produtoras de sementes de milho: um estudo de caso. <i>Gestão & Produção</i> , 2008, 15, 367-380	0.9	7
61	Heuristics and meta-heuristics for lot sizing and scheduling in the soft drinks industry: a comparison study. <i>Studies in Computational Intelligence</i> , 2008, 169-210	0.8	1
60	Linear and Non-linear Models for Staged Two-Dimensional Guillotine Cutting Problems 2008, 69-88		1
59	Análise de problemas de partição de instalações em sistemas job-shops por meio de modelos de redes de filas. <i>Pesquisa Operacional</i> , 2007, 27, 333-356	0.3	3
58	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
57	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

56	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
55	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
54	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
53	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
52	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	52	
51	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
50	Heurísticas para os problemas de geração e sequenciamento de padrões de corte bidimensionais. <i>Pesquisa Operacional</i> , 2007, 27, 549-568	0.3	2
49	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
48	Aplicação de modelos de redes de filas abertas no planejamento do sistema job-shop de uma planta metal-mecânica. <i>Gestão & Produção</i> , 2007, 14, 393-410	0.9	2
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44	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
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35	Otimização no dimensionamento e seqüenciamento de lotes de produção: estudo de caso numa fábrica de rãs. <i>Gestão & Produção</i> , 2005, 12, 203-217	0.9	8
34	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
33	Otimização 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
32	An L-approach for packing ($\alpha\beta\gamma$)-rectangles into rectangular and L-shaped pieces. <i>Journal of the Operational Research Society</i> , 2003, 54, 777-789	2	28
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