

Horacio Hideki Yanasse

List of Publications by Year in descending order

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53
papers

1,481
citations

430442

18
h-index

329751

37
g-index

56
all docs

56
docs citations

56
times ranked

807
citing authors

#	ARTICLE	IF	CITATIONS
1	Computational Complexity of the Capacitated Lot Size Problem. <i>Management Science</i> , 1982, 28, 1174-1186.	2.4	429
2	Deterministic Approximations to Stochastic Production Problems. <i>Operations Research</i> , 1984, 32, 999-1018.	1.2	93
3	Approximation Methods for the Uncapacitated Dynamic Lot Size Problem. <i>Management Science</i> , 1984, 30, 1121-1140.	2.4	68
4	The one-dimensional cutting stock problem with usable leftover – A heuristic approach. <i>European Journal of Operational Research</i> , 2009, 196, 897-908.	3.5	60
5	Scheduling identical parallel machines with tooling constraints. <i>European Journal of Operational Research</i> , 2017, 257, 834-844.	3.5	59
6	On a pattern sequencing problem to minimize the maximum number of open stacks. <i>European Journal of Operational Research</i> , 1997, 100, 454-463.	3.5	56
7	The one-dimensional cutting stock problem with usable leftovers – A survey. <i>European Journal of Operational Research</i> , 2014, 236, 395-402.	3.5	55
8	A hybrid heuristic to reduce the number of different patterns in cutting stock problems. <i>Computers and Operations Research</i> , 2006, 33, 2744-2756.	2.4	54
9	An integrated cutting stock and sequencing problem. <i>European Journal of Operational Research</i> , 2007, 183, 1353-1370.	3.5	52
10	Connections between cutting-pattern sequencing, VLSI design, and flexible machines. <i>Computers and Operations Research</i> , 2002, 29, 1759-1772.	2.4	49
11	Two-dimensional Cutting Stock with Multiple Stock Sizes. <i>Journal of the Operational Research Society</i> , 1991, 42, 673-683.	2.1	43
12	A method for solving the minimization of the maximum number of open stacks problem within a cutting process. <i>Computers and Operations Research</i> , 2004, 31, 2315-2332.	2.4	35
13	Linear models for 1-group two-dimensional guillotine cutting problems. <i>International Journal of Production Research</i> , 2006, 44, 3471-3491.	4.9	32
14	The usable leftover one-dimensional cutting stock problem – a priority – heuristic. <i>International Transactions in Operational Research</i> , 2013, 20, 189-199.	1.8	31
15	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.	4.9	27
16	EOQ Systems: The Case of an Increase in Purchase Cost. <i>Journal of the Operational Research Society</i> , 1990, 41, 633-637.	2.1	23
17	An optimal and scalable parallelization of the two-list algorithm for the subset-sum problem. <i>European Journal of Operational Research</i> , 2007, 176, 870-879.	3.5	21
18	A new enumeration scheme for the knapsack problem. <i>Discrete Applied Mathematics</i> , 1987, 18, 235-245.	0.5	19

#	ARTICLE	IF	CITATIONS
19	Linear gate assignment: a fast statistical mechanics approach. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 1999, 18, 1750-1758.	1.9	19
20	A hybrid approach for a multi-compartment container loading problem. Expert Systems With Applications, 2019, 137, 471-492.	4.4	19
21	Search intensity versus search diversity: a false trade off?. Applied Intelligence, 2010, 32, 279-291.	3.3	18
22	Checkerboard pattern: proposals for its generation. International Transactions in Operational Research, 2005, 12, 21-45.	1.8	15
23	The minimization of open stacks problem: A review of some properties and their use in pre-processing operations. European Journal of Operational Research, 2010, 203, 559-567.	3.5	15
24	An algorithm for determining the K-best solutions of the one-dimensional Knapsack problem. Pesquisa Operacional, 2000, 20, 117-134.	0.1	14
25	Comments on parallel algorithms for the knapsack problem. Parallel Computing, 2002, 28, 1501-1505.	1.3	14
26	Benford's Law and articles of scientific journals: comparison of JCR® and Scopus data. Scientometrics, 2014, 98, 173-184.	1.6	14
27	A heuristic approach to minimize the number of saw cycles in small-scale furniture factories. Annals of Operations Research, 2017, 258, 719-746.	2.6	14
28	Parallel time and space upper-bounds for the subset-sum problem. Theoretical Computer Science, 2008, 407, 342-348.	0.5	13
29	Production scheduling of assembly fixtures in the aeronautical industry. Computers and Industrial Engineering, 2014, 67, 195-203.	3.4	13
30	An enumeration scheme to generate constrained exact checkerboard patterns. Computers and Operations Research, 2008, 35, 2114-2128.	2.4	9
31	Um algoritmo enumerativo baseado em ordenamento parcial para resolução do problema de minimização de trocas de ferramentas. Gestão & Produção, 2009, 16, 370-381.	0.5	9
32	A new multicommodity flow model for the job sequencing and tool switching problem. International Journal of Production Research, 2021, 59, 3617-3632.	4.9	9
33	Special issue on cutting, packing and related problems. International Transactions in Operational Research, 2009, 16, 659-659.	1.8	8
34	An analysis of bibliometric indicators to JCR according to Benford's law. Scientometrics, 2016, 107, 1489-1499.	1.6	8
35	A polynomial approximation scheme for the subset sum problem. Discrete Applied Mathematics, 1995, 57, 243-253.	0.5	7
36	A review of three decades of research on some combinatorial optimization problems. Pesquisa Operacional, 2013, 33, 11-36.	0.1	7

#	ARTICLE	IF	CITATIONS
37	Programa��o da produ��o de gabaritos de montagem com restri��es de adjac��ncia na ind��stria aeron��utica. Production, 2011, 21, 696-707.	1.3	6
38	Um algoritmo exato com ordenamento parcial para solu��o de um problema de programa��o da produ��o: experimentos computacionais. Gest��o & Produ��o, 2007, 14, 353-361.	0.5	5
39	Uma nova heur��stica para o problema de minimiza��o de trocas de ferramentas. Gest��o & Produ��o, 2012, 19, 17-30.	0.5	5
40	O Qualis Peri��dicos e sua utiliza��o nas avalia��es. Revista Brasileira De P��s-Gradua��o, 0, , .	0.0	4
41	A search strategy for the one-size assortment problem. European Journal of Operational Research, 1994, 74, 135-142.	3.5	3
42	Observations on optimal parallelizations of two-list algorithm. Parallel Computing, 2010, 36, 65-67.	1.3	3
43	Forecast UTI: aplicativo para previs��o de leitos de unidades de terapia intensiva no contexto da pandemia de COVID-19. Epidemiologia E Servicos De Saude: Revista Do Sistema Unico De Saude Do Brasil, 2020, 29, .	0.3	3
44	Profile of CNPq productivity research fellows in the chemistry area based on the lattes platform.. Quimica Nova, 2014, 37, .	0.3	3
45	The multicommodity traveling salesman problem with priority prizes: a mathematical model and metaheuristics. Computational and Applied Mathematics, 2019, 38, 1.	1.0	2
46	Mathematical models for the minimization of open stacks problem. International Transactions in Operational Research, 0, , .	1.8	2
47	Models for two- and three-stage two-dimensional cutting stock problems with a limited number of open stacks. International Journal of Production Research, 2023, 61, 2895-2916.	4.9	2
48	Technological competencies mapping: A Petrobras' information system for aiding the decision process based on the Lattes Platform. , 2015, , .		1
49	Linear and Non-linear Models for Staged Two-Dimensional Guillotine Cutting Problems. , 2008, , 69-88.		1
50	Pattern-based ILP models for the one-dimensional cutting stock problem with setup cost. Journal of Combinatorial Optimization, 0, , 1.	0.8	1
51	Minimizing saw cycles on the cutting stock problem with processing times depending on the cutting pattern. Journal of the Operational Research Society, 0, , 1-15.	2.1	1
52	Uma heur��stica baseada em gera��o sequencial de padr��es para o problema de corte de estoque unidimensional com um n��mero reduzido de padr��es. Gest��o & Produ��o, 2009, 16, 200-208.	0.5	0
53	Modelos lineares e n��o lineares inteiros para problemas da mochila bidimensional restrita a 2 est��gios. Production, 2013, 23, 887-896.	1.3	0