

Linet Ozdamar

List of Publications by Year in descending order

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71
papers

4,309
citations

201575

27
h-index

123376

61
g-index

73
all docs

73
docs citations

73
times ranked

2776
citing authors

#	ARTICLE	IF	CITATIONS
1	Emergency Logistics Planning in Natural Disasters. <i>Annals of Operations Research</i> , 2004, 129, 217-245.	2.6	646
2	A dynamic logistics coordination model for evacuation and support in disaster response activities. <i>European Journal of Operational Research</i> , 2007, 179, 1177-1193.	3.5	604
3	An interactive approach for hierarchical analysis of helicopter logistics in disaster relief operations. <i>European Journal of Operational Research</i> , 2002, 140, 118-133.	3.5	362
4	Models, solutions and enabling technologies in humanitarian logistics. <i>European Journal of Operational Research</i> , 2015, 244, 55-65.	3.5	328
5	A hierarchical planning approach for a production-distribution system. <i>International Journal of Production Research</i> , 1999, 37, 3759-3772.	4.9	321
6	A survey on the resource-constrained project scheduling problem. <i>IIE Transactions</i> , 1995, 27, 574-586.	2.1	246
7	A hierarchical clustering and routing procedure for large scale disaster relief logistics planning. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2012, 48, 591-602.	3.7	197
8	A mathematical model for post-disaster road restoration: Enabling accessibility and evacuation. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2014, 61, 56-67.	3.7	122
9	Planning helicopter logistics in disaster relief. <i>OR Spectrum</i> , 2011, 33, 655-672.	2.1	95
10	Supply chain redesign in the healthcare industry of Singapore. <i>Supply Chain Management</i> , 2008, 13, 95-103.	3.7	91
11	Greedy Neighborhood Search for Disaster Relief and Evacuation Logistics. <i>IEEE Intelligent Systems</i> , 2008, 23, 14-23.	4.0	78
12	Hybrid heuristics for the capacitated lot sizing and loading problem with setup times and overtime decisions. <i>European Journal of Operational Research</i> , 1998, 110, 525-547.	3.5	76
13	Heuristic Performance and Network/Resource Characteristics in Resource-constrained Project Scheduling. <i>Journal of the Operational Research Society</i> , 1989, 40, 1145-1152.	2.1	72
14	Parallel Simulated Annealing Algorithms in Global Optimization. <i>Journal of Global Optimization</i> , 2001, 19, 27-50.	1.1	64
15	Coordinating debris cleanup operations in post disaster road networks. <i>Socio-Economic Planning Sciences</i> , 2014, 48, 249-262.	2.5	62
16	A local constraint based analysis approach to project scheduling under general resource constraints. <i>European Journal of Operational Research</i> , 1994, 79, 287-298.	3.5	61
17	Procurement performance measurement system in the health care industry. <i>International Journal of Health Care Quality Assurance</i> , 2005, 18, 152-166.	0.2	61
18	Capacity driven due date settings in make-to-order production systems. <i>International Journal of Production Economics</i> , 1997, 49, 29-44.	5.1	55

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19	A note on an iterative forward/backward scheduling technique with reference to a procedure by Li and Willis. <i>European Journal of Operational Research</i> , 1996, 89, 400-407.	3.5	53
20	A hierarchical decision support system for production planning (with case study). <i>European Journal of Operational Research</i> , 1998, 104, 403-422.	3.5	52
21	Investigating a hybrid simulated annealing and local search algorithm for constrained optimization. <i>European Journal of Operational Research</i> , 2008, 185, 1230-1245.	3.5	49
22	An integrated Lagrangean relaxation-simulated annealing approach to the multi-level multi-item capacitated lot sizing problem. <i>International Journal of Production Economics</i> , 2000, 68, 319-331.	5.1	47
23	A heuristic scheduling algorithm for improving the duration and net present value of a project. <i>International Journal of Operations and Production Management</i> , 1995, 15, 89-98.	3.5	45
24	The capacitated lot sizing problem with overtime decisions and setup times. <i>IIE Transactions</i> , 2000, 32, 1043-1057.	2.1	38
25	Experiments with new stochastic global optimization search techniques. <i>Computers and Operations Research</i> , 2000, 27, 841-865.	2.4	38
26	Uncertainty Modelling in Software Development Projects (With Case Study). <i>Annals of Operations Research</i> , 2001, 102, 157-178.	2.6	37
27	An iterative local constraints based analysis for solving the resource constrained project scheduling problem. <i>Journal of Operations Management</i> , 1996, 14, 193-208.	3.3	30
28	A flexible heuristic for a multi-mode capital constrained project scheduling problem with probabilistic cash inflows. <i>Computers and Operations Research</i> , 1997, 24, 1187-1200.	2.4	29
29	Analysis of solution space-dependent performance of simulated annealing: the case of the multi-level capacitated lot sizing problem. <i>Computers and Operations Research</i> , 2000, 27, 895-903.	2.4	26
30	A hierarchical planning system for energy intensive production environments. <i>International Journal of Production Economics</i> , 1999, 58, 115-129.	5.1	23
31	A system dynamics model for intentional transmission of HIV/AIDS using cross impact analysis. <i>Central European Journal of Operations Research</i> , 2012, 20, 319-336.	1.1	20
32	On scheduling project activities with variable expenditure rates. <i>IIE Transactions</i> , 1998, 30, 695-704.	2.1	19
33	The capacitated lot sizing problem with overtime decisions and setup times. <i>IIE Transactions</i> , 2000, 32, 1043-1057.	2.1	18
34	Technical note: New results for the capacitated lot sizing problem with overtime decisions and setup times. <i>Production Planning and Control</i> , 2002, 13, 2-10.	5.8	18
35	Heuristic family disaggregation techniques for hierarchical production planning systems. <i>International Journal of Production Research</i> , 1996, 34, 2613-2628.	4.9	17
36	FRACTOP: A Geometric Partitioning Metaheuristic for Global Optimization. <i>Journal of Global Optimization</i> , 1999, 14, 415-436.	1.1	16

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37	A framework for an interactive project scheduling system under limited resources. <i>European Journal of Operational Research</i> , 1996, 90, 362-375.	3.5	15
38	Investigating academic performance of migrant students: A system dynamics perspective with an application to Turkey. <i>International Journal of Production Economics</i> , 2012, 139, 422-430.	5.1	15
39	Simultaneous lot sizing and loading of product families on parallel facilities of different classes. <i>International Journal of Production Research</i> , 1998, 36, 1305-1324.	4.9	14
40	A note on the use of a fuzzy approach in adaptive partitioning algorithms for global optimization. <i>IEEE Transactions on Fuzzy Systems</i> , 1999, 7, 468-475.	6.5	13
41	A heuristic treatment of tardiness and net present value criteria in resource constrained project scheduling. <i>International Journal of Physical Distribution and Logistics Management</i> , 1998, 28, 805-824.	4.4	11
42	The cutting-wrapping problem in the textile industry: Optimal overlap of fabric lengths and defects for maximizing return based on quality. <i>International Journal of Production Research</i> , 2000, 38, 1287-1309.	4.9	11
43	Developing concurrent investment plans for power generation and transmission. <i>European Journal of Operational Research</i> , 2005, 166, 449-468.	3.5	10
44	A comparison of spatial interpolation methods and a fuzzy areal evaluation scheme in environmental site characterization. <i>Computers, Environment and Urban Systems</i> , 1999, 23, 399-422.	3.3	9
45	TRIOPT: a triangulation-based partitioning algorithm for global optimization. <i>Journal of Computational and Applied Mathematics</i> , 2005, 177, 35-53.	1.1	9
46	A System Dynamics Model for Improving Primary Education Enrollment in a Developing Country. <i>Organizacija</i> , 2010, 43, 90-101.	0.7	9
47	Efficient interval partitioning for constrained global optimization. <i>Journal of Global Optimization</i> , 2008, 42, 369-384.	1.1	8
48	A comparison of two mathematical models for earthquake relief logistics. <i>International Journal of Logistics Systems and Management</i> , 2011, 10, 361.	0.2	8
49	Comparison of partition evaluation measures in an adaptive partitioning algorithm for global optimization. <i>Fuzzy Sets and Systems</i> , 2001, 117, 47-60.	1.6	7
50	Disaster relief routing in limited capacity road networks with heterogeneous flows. <i>Journal of Industrial and Management Optimization</i> , 2018, 14, 1367-1380.	0.8	7
51	Investment Model for Power Generation and Transmission Network Expansion in Turkey. <i>Journal of Energy Engineering - ASCE</i> , 2005, 131, 118-138.	1.0	6
52	Symbolic Interval Inference Approach for Subdivision Direction Selection in Interval Partitioning Algorithms. <i>Journal of Global Optimization</i> , 2007, 37, 177-194.	1.1	5
53	NEW SIMULATED ANNEALING ALGORITHMS FOR CONSTRAINED OPTIMIZATION. <i>Asia-Pacific Journal of Operational Research</i> , 2010, 27, 347-367.	0.9	5
54	A modified hierarchical production planning system integrated with MRP: A case study. <i>Production Planning and Control</i> , 1997, 8, 72-87.	5.8	4

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55	Optimization of Data Distribution and Processor Allocation Problem Using Simulated Annealing. Journal of Supercomputing, 2003, 25, 237-253.	2.4	4
56	A fuzzy areal assessment approach for potentially contaminated sites. Computers and Geosciences, 2000, 26, 309-318.	2.0	3
57	Spatial model for wood energy analysis. International Journal of Global Energy Issues, 2004, 21, 79.	0.2	3
58	A SYSTEM DYNAMICS MODEL TO STUDY THE IMPORTANCE OF INFRASTRUCTURE FACILITIES ON QUALITY OF PRIMARY EDUCATION SYSTEM IN DEVELOPING COUNTRIES. , 2010, , .		3
59	Metaheuristics for the stochastic post-disaster debris clearance problem. IISE Transactions, 2022, 54, 1004-1017.	1.6	3
60	A note on a partitioning algorithm for global optimization with reference to Tang's statistical promise measure. IEEE Transactions on Automatic Control, 2000, 45, 510-515.	3.6	2
61	A Fuzzy Adaptive Partitioning Algorithm (FAPA) for Global Optimization. Studies in Fuzziness and Soft Computing, 2003, , 37-47.	0.6	2
62	An Interval Partitioning Approach for Continuous Constrained Optimization. , 2007, , 73-96.		2
63	On scheduling project activities with variable expenditure rates. IIE Transactions, 1998, 30, 695-704.	2.1	1
64	Efficient interval partitioningâ€™Local search collaboration for constraint satisfaction. Computers and Operations Research, 2008, 35, 1412-1435.	2.4	1
65	Comparison of Simulated Annealing, Interval Partitioning and Hybrid Algorithms in Constrained Global Optimization. , 2007, , 1-22.		1
66	Singapore: Hospital Capacity Prediction by Fuzzy Linear Regression. Journal for Healthcare Quality: Official Publication of the National Association for Healthcare Quality, 2005, 27, 22-28.	0.3	0
67	A symbolic-interval inference approach for constraint satisfaction: implementation on kinematics applications. International Journal of Operational Research, 2010, 8, 127.	0.1	0
68	Solving kinematics problems by efficient interval partitioning. Optimization and Engineering, 2011, 12, 459-476.	1.3	0
69	A partitioning algorithm for the mixed integer nonlinear programming problem. International Journal of Operational Research, 2017, 28, 201.	0.1	0
70	On the Use of Cross Impact Analysis for Enhancing Performance in Primary School Education. Springer Proceedings in Mathematics and Statistics, 2014, , 521-538.	0.1	0
71	A partitioning algorithm for the mixed integer nonlinear programming problem. International Journal of Operational Research, 2017, 28, 201.	0.1	0