

George Steiner

List of Publications by Year in descending order

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56
papers

1,641
citations

318942

23
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docs citations

57
times ranked

783
citing authors

#	ARTICLE	IF	CITATIONS
1	New results for scheduling to minimize tardiness on one machine with rejection and related problems. <i>Journal of Scheduling</i> , 2021, 24, 27-34.	1.3	6
2	Approximation algorithms for the workload partition problem and applications to scheduling with variable processing times. <i>European Journal of Operational Research</i> , 2017, 256, 384-391.	3.5	5
3	Optimal coordination of resource allocation, due date assignment and scheduling decisions. <i>Omega</i> , 2016, 65, 41-54.	3.6	16
4	Optimal delivery time quotation in supply chains to minimize tardiness and delivery costs. <i>Journal of Scheduling</i> , 2015, 18, 3-13.	1.3	3
5	A pseudo-polynomial time algorithm for solving the resource dependent assignment problem. <i>Discrete Applied Mathematics</i> , 2015, 182, 115-121.	0.5	2
6	Single-machine scheduling with periodic maintenance to minimize makespan revisited. <i>Journal of Scheduling</i> , 2014, 17, 263-270.	1.3	27
7	Single machine batch scheduling with release times and delivery costs. <i>Journal of Scheduling</i> , 2013, 16, 69-79.	1.3	20
8	Scheduling with Learning Effects and/or Time-Dependent Processing Times to Minimize the Weighted Number of Tardy Jobs on a Single Machine. <i>Mathematical Problems in Engineering</i> , 2013, 2013, 1-9.	0.6	4
9	Revised Delivery-Time Quotation in Scheduling with Tardiness Penalties. <i>Operations Research</i> , 2011, 59, 1504-1511.	1.2	29
10	On the asymptotic behavior of subtour-patching heuristics in solving the TSP on permuted Monge matrices. <i>Journal of Heuristics</i> , 2011, 17, 61-96.	1.1	3
11	A bicriteria approach to minimize the total weighted number of tardy jobs with convex controllable processing times and assignable due dates. <i>Journal of Scheduling</i> , 2011, 14, 455-469.	1.3	22
12	Minimizing the weighted number of tardy jobs with due date assignment and capacity-constrained deliveries. <i>Annals of Operations Research</i> , 2011, 191, 171-181.	2.6	18
13	Just-in-time scheduling with controllable processing times on parallel machines. <i>Journal of Combinatorial Optimization</i> , 2010, 19, 347-368.	0.8	23
14	Bicriteria problems to minimize maximum tardiness and due date assignment cost in various scheduling environments. <i>Discrete Applied Mathematics</i> , 2010, 158, 1090-1103.	0.5	13
15	A unified approach for scheduling with convex resource consumption functions using positional penalties. <i>European Journal of Operational Research</i> , 2010, 206, 301-312.	3.5	36
16	Approximation Algorithms for the Supplier's Supply Chain Scheduling Problem to Minimize Delivery and Inventory Holding Costs. <i>Operations Research</i> , 2009, 57, 426-438.	1.2	36
17	Approximation algorithms for minimizing the total weighted number of late jobs with late deliveries in two-level supply chains. <i>Journal of Scheduling</i> , 2009, 12, 565-574.	1.3	27
18	Optimal delivery time quotation to minimize total tardiness penalties with controllable processing times. <i>IIE Transactions</i> , 2009, 42, 221-231.	2.1	17

#	ARTICLE	IF	CITATIONS
19	Optimal due date assignment in multi-machine scheduling environments. <i>Journal of Scheduling</i> , 2008, 11, 217-228.	1.3	20
20	The single-machine earliness-tardiness scheduling problem with due date assignment and resource-dependent processing times. <i>Annals of Operations Research</i> , 2008, 159, 25-40.	2.6	63
21	Optimal Due Date Assignment and Resource Allocation to Minimize the Weighted Number of Tardy Jobs on a Single Machine. <i>Manufacturing and Service Operations Management</i> , 2007, 9, 332-350.	2.3	54
22	The no-wait two-machine flow shop scheduling problem with convex resource-dependent processing times. <i>IIE Transactions</i> , 2007, 39, 539-557.	2.1	27
23	Partially ordered knapsack and applications to scheduling. <i>Discrete Applied Mathematics</i> , 2007, 155, 889-897.	0.5	28
24	A survey of scheduling with controllable processing times. <i>Discrete Applied Mathematics</i> , 2007, 155, 1643-1666.	0.5	323
25	Single machine batch scheduling to minimize total completion time and resource consumption costs. <i>Journal of Scheduling</i> , 2007, 10, 255-261.	1.3	21
26	Two due date assignment problems in scheduling a single machine. <i>Operations Research Letters</i> , 2006, 34, 683-691.	0.5	52
27	On the connection between a cyclic job shop and a reentrant flow shop scheduling problem. <i>Journal of Scheduling</i> , 2006, 9, 381-387.	1.3	5
28	Batch scheduling in a two-level supply chain—a focus on the supplier. <i>European Journal of Operational Research</i> , 2006, 173, 226-240.	3.5	40
29	Robotic-Cell Scheduling: Special Polynomially Solvable Cases of the Traveling Salesman Problem on Permuted Monge Matrices. <i>Journal of Combinatorial Optimization</i> , 2005, 9, 381-399.	0.8	9
30	Scheduling in Reentrant Robotic Cells: Algorithms and Complexity. <i>Journal of Scheduling</i> , 2005, 8, 25-48.	1.3	13
31	On discrete lot streaming in no-wait flow shops. <i>IIE Transactions</i> , 2003, 35, 91-101.	2.1	21
32	Fast algorithms to minimize the makespan or maximum lateness in the two-machine flow shop with release times. <i>Journal of Scheduling</i> , 2002, 5, 71-92.	1.3	9
33	Partially-Ordered Knapsack and Applications to Scheduling. <i>Lecture Notes in Computer Science</i> , 2002, , 612-624.	1.0	12
34	Efficient algorithms on distributive lattices. <i>Discrete Applied Mathematics</i> , 2001, 110, 169-187.	0.5	22
35	Discrete Lot Streaming In Two-Machine Flow Shops. <i>Infor</i> , 1999, 37, 160-173.	0.5	10
36	Lot streaming with attached setups in three-machine flow shops. <i>IIE Transactions</i> , 1998, 30, 1075-1084.	2.1	3

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37	Lot streaming with attached setups in three-machine flow shops. IIE Transactions, 1998, 30, 1075-1084.	2.1	35
38	Lot streaming with detached setups in three-machine flow shops. European Journal of Operational Research, 1997, 96, 591-611.	3.5	40
39	1-Tough cocomparability graphs are hamiltonian. Discrete Mathematics, 1997, 170, 99-106.	0.4	26
40	Gray Codes for the Ideals of Interval Orders. Journal of Algorithms, 1997, 25, 52-66.	0.9	7
41	The recognition of indifference digraphs and generalized semiorders. Journal of Graph Theory, 1996, 21, 235-241.	0.5	11
42	Optimal level schedules in mixed-model, multi-level JIT assembly systems with pegging. European Journal of Operational Research, 1996, 95, 38-52.	3.5	33
43	Polynomial Algorithms for Hamiltonian Cycle in Cocomparability Graphs. SIAM Journal on Computing, 1994, 23, 520-552.	0.8	48
44	On estimating the number of order ideals in partial orders, with some applications. Journal of Statistical Planning and Inference, 1993, 34, 281-290.	0.4	7
45	BATCH SCHEDULING TO MINIMIZE CYCLE TIME, FLOW TIME, AND PROCESSING COST. IIE Transactions, 1993, 25, 90-97.	2.1	18
46	Level Schedules for Mixed-Model, Just-in-Time Processes. Management Science, 1993, 39, 728-735.	2.4	119
47	Finding Hamiltonian paths in cocomparability graphs using the bump number algorithm. Order, 1992, 8, 383-391.	0.3	38
48	Finding the largest suborder of fixed width. Order, 1992, 9, 357-360.	0.3	6
49	Primal dual algorithms for the vehicle refueling problem. Naval Research Logistics, 1992, 39, 905-918.	1.4	1
50	On the complexity of dynamic programming for sequencing problems with precedence constraints. Annals of Operations Research, 1990, 26, 103-123.	2.6	22
51	Computing the bump number is easy. Order, 1988, 5, 107-129.	0.3	26
52	A linear time algorithm to find the jump number of 2-dimensional bipartite partial orders. Order, 1987, 3, 359-367.	0.3	27
53	An algorithm to generate the ideals of a partial order. Operations Research Letters, 1986, 5, 317-320.	0.5	48
54	Optimal Sequencing by Modular Decomposition: Polynomial Algorithms. Operations Research, 1986, 34, 606-612.	1.2	46

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55	On finding the jump number of a partial order by substitution decomposition. Order, 1985, 2, 9-23.	0.3	11
56	Single Machine Scheduling with Precedence Constraints of Dimension 2. Mathematics of Operations Research, 1984, 9, 248-259.	0.8	28