

Frank Werner

List of Publications by Year in descending order

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178
papers

4,036
citations

126708

33
h-index

143772

57
g-index

194
all docs

194
docs citations

194
times ranked

2562
citing authors

#	ARTICLE	IF	CITATIONS
1	A dynamic model and an algorithm for short-term supply chain scheduling in the smart factory industry 4.0. <i>International Journal of Production Research</i> , 2016, 54, 386-402.	4.9	417
2	Blockchain-oriented dynamic modelling of smart contract design and execution in the supply chain. <i>International Journal of Production Research</i> , 2020, 58, 2184-2199.	4.9	315
3	Parallel machine scheduling problems with a single server. <i>Mathematical and Computer Modelling</i> , 1997, 26, 1-11.	2.0	157
4	A comparison of scheduling algorithms for flexible flow shop problems with unrelated parallel machines, setup times, and dual criteria. <i>Computers and Operations Research</i> , 2009, 36, 358-378.	2.4	107
5	Algorithms for flexible flow shop problems with unrelated parallel machines, setup times, and dual criteria. <i>International Journal of Advanced Manufacturing Technology</i> , 2008, 37, 354-370.	1.5	104
6	Scheduling with common due date, earliness and tardiness penalties for multimachine problems: A survey. <i>Mathematical and Computer Modelling</i> , 2004, 40, 637-655.	2.0	101
7	Heuristics for hybrid flow shops with controllable processing times and assignable due dates. <i>Computers and Operations Research</i> , 2002, 29, 1417-1439.	2.4	77
8	Heuristic algorithms for unrelated parallel machine scheduling with a common due date, release dates, and linear earliness and tardiness penalties. <i>Mathematical and Computer Modelling</i> , 2001, 33, 363-383.	2.0	75
9	Complexity results for parallel machine problems with a single server. <i>Journal of Scheduling</i> , 2002, 5, 429-457.	1.3	74
10	The vehicle routing and scheduling problem with cross-docking for perishable products under uncertainty: Two robust bi-objective models. <i>Applied Mathematical Modelling</i> , 2019, 70, 605-625.	2.2	69
11	Insertion techniques for the heuristic solution of the job shop problem. <i>Discrete Applied Mathematics</i> , 1995, 58, 191-211.	0.5	65
12	Constructive heuristic algorithms for the open shop problem. <i>Computing (Vienna/New York)</i> , 1993, 51, 95-110.	3.2	64
13	Integrated detection of disruption scenarios, the ripple effect dispersal and recovery paths in supply chains. <i>Annals of Operations Research</i> , 2022, 319, 609-631.	2.6	63
14	Batching work and rework processes with limited deterioration of reworkables. <i>Computers and Operations Research</i> , 2006, 33, 1595-1605.	2.4	61
15	Improving local search heuristics for some scheduling problems. Part II. <i>Discrete Applied Mathematics</i> , 1997, 72, 47-69.	0.5	59
16	Minimizing total flow time in a two-machine flowshop problem with minimum makespan. <i>International Journal of Production Economics</i> , 2001, 69, 323-338.	5.1	58
17	Flexible job shop scheduling with lot streaming and subplot size optimisation. <i>International Journal of Production Research</i> , 2018, 56, 6391-6411.	4.9	56
18	The two-machine flow-shop problem with weighted late work criterion and common due date. <i>European Journal of Operational Research</i> , 2005, 165, 408-415.	3.5	52

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19	A control approach to scheduling flexibly configurable jobs with dynamic structural-logical constraints. IISE Transactions, 2021, 53, 21-38.	1.6	52
20	Improving local search heuristics for some scheduling problems. Discrete Applied Mathematics, 1996, 65, 97-122.	0.5	50
21	Open shop scheduling problems with late work criteria. Discrete Applied Mathematics, 2004, 134, 1-24.	0.5	50
22	Local search heuristics for two-stage flow shop problems with secondary criterion. Computers and Operations Research, 2002, 29, 123-149.	2.4	49
23	Simulated annealing and genetic algorithms for minimizing mean flow time in an open shop. Mathematical and Computer Modelling, 2008, 48, 1279-1293.	2.0	49
24	Parallel machine problems with equal processing times: a survey. Journal of Scheduling, 2011, 14, 435-444.	1.3	49
25	Complexity of mixed shop scheduling problems: A survey. European Journal of Operational Research, 2000, 120, 343-351.	3.5	45
26	Hamiltonian properties of triangular grid graphs. Discrete Mathematics, 2008, 308, 6166-6188.	0.4	45
27	The complexity of dissociation set problems in graphs. Discrete Applied Mathematics, 2011, 159, 1352-1366.	0.5	45
28	Complexity of shop-scheduling problems with fixed number of jobs: a survey. Mathematical Methods of Operations Research, 2007, 65, 461-481.	0.4	40
29	Metaheuristic approaches for the two-machine flow-shop problem with weighted late work criterion and common due date. Computers and Operations Research, 2008, 35, 574-599.	2.4	40
30	Scheduling with multiple servers. Automation and Remote Control, 2010, 71, 2109-2121.	0.4	39
31	Heuristic constructive algorithms for open shop scheduling to minimize mean flow time. European Journal of Operational Research, 2008, 189, 856-870.	3.5	37
32	Simulated annealing and genetic algorithms for the two-machine scheduling problem with a single server. International Journal of Production Research, 2014, 52, 3778-3792.	4.9	37
33	Incorporating supplier selection and order allocation into the vehicle routing and multi-cross-dock scheduling problem. International Journal of Production Research, 2018, 56, 6527-6552.	4.9	36
34	Stability of an optimal schedule in a job shop. Omega, 1997, 25, 397-414.	3.6	35
35	Positive half-products and scheduling with controllable processing times. European Journal of Operational Research, 2005, 165, 416-422.	3.5	35
36	Cost minimizing scheduling of work and rework processes on a single facility under deterioration of reworkables. International Journal of Production Economics, 2007, 105, 345-356.	5.1	34

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37	A comparison of heuristic algorithms for flow shop scheduling problems with setup times and limited batch size. <i>Mathematical and Computer Modelling</i> , 1999, 29, 101-126.	2.0	33
38	A comparison of solution procedures for two-machine flow shop scheduling with late work criterion. <i>Computers and Industrial Engineering</i> , 2005, 49, 611-624.	3.4	33
39	Approaches to modeling train scheduling problems as job-shop problems with blocking constraints. <i>Journal of Scheduling</i> , 2018, 21, 191-207.	1.3	33
40	Optimal makespan scheduling with given bounds of processing times. <i>Mathematical and Computer Modelling</i> , 1997, 26, 67-86.	2.0	31
41	On the complexity and some properties of multi-stage scheduling problems with earliness and tardiness penalties. <i>Computers and Operations Research</i> , 2004, 31, 317-345.	2.4	31
42	Single machine scheduling problems with financial resource constraints: Some complexity results and properties. <i>Mathematical Social Sciences</i> , 2011, 62, 7-13.	0.3	31
43	Schedule robustness analysis with the help of attainable sets in continuous flow problem under capacity disruptions. <i>International Journal of Production Research</i> , 2016, 54, 3397-3413.	4.9	31
44	Stability Radius of an Optimal Schedule: A Survey and Recent Developments. <i>Applied Optimization</i> , 1998, , 72-108.	0.4	31
45	Australian New Year's PyroCb Impact on Stratospheric Composition. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL090831.	1.5	29
46	Operating room scheduling by considering the decision-making styles of surgical team members: A comprehensive approach. <i>Computers and Operations Research</i> , 2019, 108, 166-181.	2.4	28
47	On the heuristic solution of the permutation flow shop problem by path algorithms. <i>Computers and Operations Research</i> , 1993, 20, 707-722.	2.4	27
48	Batch scheduling with deadlines on parallel machines. <i>Annals of Operations Research</i> , 1998, 83, 23-40.	2.6	27
49	On the calculation of the stability radius of an optimal or an approximate schedule. <i>Annals of Operations Research</i> , 1998, 83, 213-252.	2.6	27
50	On the application of insertion techniques for job shop problems with setup times. <i>RAIRO - Operations Research</i> , 1999, 33, 209-245.	1.0	26
51	Scheduling Problems and Mixed Graph Colorings. <i>Optimization</i> , 2002, 51, 597-624.	1.0	26
52	A note on the two machine job shop with the weighted late work criterion. <i>Journal of Scheduling</i> , 2007, 10, 87-95.	1.3	25
53	Block models for scheduling jobs on two parallel machines with a single server. <i>Computers and Operations Research</i> , 2014, 41, 94-97.	2.4	25
54	Measures of problem uncertainty for scheduling with interval processing times. <i>OR Spectrum</i> , 2013, 35, 659-689.	2.1	24

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55	Optimal schedules with infinitely large stability radius. Optimization, 1995, 33, 271-280.	1.0	23
56	A heuristic algorithm for minimizing mean flow time with unit setups. Information Processing Letters, 2001, 79, 291-296.	0.4	22
57	Title is missing!. Journal of Heuristics, 2002, 8, 415-428.	1.1	21
58	Mean flow time minimization with given bounds of processing times. European Journal of Operational Research, 2004, 159, 558-573.	3.5	21
59	Stability of a schedule minimizing mean flow time. Mathematical and Computer Modelling, 1996, 24, 39-53.	2.0	19
60	Minimizing the number of machines for scheduling jobs with equal processing times. European Journal of Operational Research, 2009, 199, 595-600.	3.5	19
61	A graphical realization of the dynamic programming method for solving $\text{cmmlmath altimg="si18.gif" display="inline" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ia="http://www.elsevier.com/xml/ia/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/c$	1.4	19
62	Minimizing the makespan for the two-machine scheduling problem with a single server: Two algorithms for very large instances. Engineering Optimization, 2016, 48, 173-183.	1.5	19
63	A Bi-Objective Home Health Care Routing and Scheduling Model with Considering Nurse Downgrading Costs. International Journal of Environmental Research and Public Health, 2021, 18, 900.	1.2	18
64	Heuristics for permutation flow shop scheduling with batch setup times. OR Spectrum, 1996, 18, 67-80.	2.1	17
65	Soft due window assignment and scheduling of unit-time jobs on parallel machines. 4or, 2012, 10, 347-360.	1.0	17
66	A polynomial algorithm for the $[n/m/0, t_{ij} = 1, \text{tree}/C_{\max}]$ open shop problem. European Journal of Operational Research, 1994, 72, 125-134.	3.5	16
67	A polynomial approximation scheme for problem $F2/rj/C_{\max}$. Operations Research Letters, 1997, 20, 75-79.	0.5	16
68	Heuristics for generalized shop scheduling problems based on decomposition. International Journal of Production Research, 1998, 36, 3013-3033.	4.9	16
69	Batching for work and rework processes on dedicated facilities to minimize the makespan. Omega, 2010, 38, 522-527.	3.6	16
70	Minimizing the makespan on two identical parallel machines with mold constraints. Computers and Operations Research, 2019, 105, 141-155.	2.4	16
71	Algorithms for special cases of the single machine total tardiness problem and an application to the even-odd partition problem. Mathematical and Computer Modelling, 2009, 49, 2061-2072.	2.0	14
72	The dominance digraph as a solution to the two-machine flow-shop problem with interval processing times. Optimization, 2011, 60, 1493-1517.	1.0	14

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73	Recent advances on modelling of structures of multi-component mixtures using a sphere packing approach. International Journal of Nanotechnology, 2016, 13, 44.	0.1	14
74	Scheduling unit time open shops to minimize the weighted number of late jobs. Operations Research Letters, 1993, 14, 245-250.	0.5	13
75	The optimality box in uncertain data for minimising the sum of the weighted job completion times. International Journal of Production Research, 2018, 56, 6336-6362.	4.9	12
76	Scheduling in manufacturing systems: new trends and perspectives. International Journal of Production Research, 2018, 56, 6333-6335.	4.9	11
77	On Neighborhood Structures and Repair Techniques for Blocking Job Shop Scheduling Problems. Algorithms, 2019, 12, 242.	1.2	11
78	Adaptive scheduling algorithm based on mixed graph model. IET Control Theory and Applications, 1996, 143, 9-16.	1.7	10
79	Total Late Work Criteria for Shop Scheduling Problems. , 2000, , 354-359.		10
80	Minimizing total weighted completion time with uncertain data: A stability approach. Automation and Remote Control, 2010, 71, 2038-2057.	0.4	10
81	Minimizing maximum lateness of jobs with naturally bounded job data on a single machine in polynomial time. Theoretical Computer Science, 2013, 501, 72-81.	0.5	10
82	A new graphical approach for solving single-machine scheduling problems approximately. International Journal of Production Research, 2014, 52, 3762-3777.	4.9	10
83	Integrated demand-responsive scheduling of maintenance and transportation operations in military supply chains. International Journal of Production Research, 2016, 54, 5798-5810.	4.9	10
84	A polynomial algorithm for an open shop problem with unit processing times and tree constraints. Discrete Applied Mathematics, 1995, 59, 11-21.	0.5	9
85	Shop scheduling problems with fixed and non-fixed machine orders of the jobs. Annals of Operations Research, 1999, 92, 281-304.	2.6	9
86	Transforming a pseudo-polynomial algorithm for the single machine total tardiness maximization problem into a polynomial one. Annals of Operations Research, 2012, 196, 247-261.	2.6	9
87	Scheduling unrelated machines with two types of jobs. International Journal of Production Research, 2014, 52, 3793-3801.	4.9	9
88	Proactive Scheduling and Reactive Real-Time Control in Industry 4.0. Profiles in Operations Research, 2020, , 11-37.	0.3	9
89	On a parallel machine scheduling problem with equal processing times. Discrete Applied Mathematics, 2009, 157, 848-852.	0.5	8
90	Scheduling jobs with equal processing times on a single machine: minimizing maximum lateness and makespan. Optimization Letters, 2017, 11, 165-177.	0.9	8

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91	A genetic algorithm for total graph coloring. Journal of Intelligent and Fuzzy Systems, 2019, 37, 7831-7838.	0.8	8
92	A Permutation-Based Heuristic Method for the Blocking Job Shop Scheduling Problem. IFAC-PapersOnLine, 2019, 52, 1403-1408.	0.5	8
93	A metric approach for scheduling problems with minimizing the maximum penalty. Applied Mathematical Modelling, 2021, 89, 1163-1176.	2.2	8
94	Preemptive scheduling on uniform machines to minimize mean flow time. Computers and Operations Research, 2009, 36, 2816-2821.	2.4	7
95	Minimizing total weighted completion time approximately for the parallel machine problem with a single server. Information Processing Letters, 2014, 114, 500-503.	0.4	7
96	Tessellation Methods for Modeling the Material Structure. Applied Mechanics and Materials, 0, 756, 426-435.	0.2	7
97	Filling of Irregular Channels with Round Cross-Section: Modeling Aspects to Study the Properties of Porous Materials. Materials, 2018, 11, 1901.	1.3	7
98	Two-Machine Job-Shop Scheduling with Equal Processing Times on Each Machine. Mathematics, 2019, 7, 301.	1.1	7
99	On the Dual and Inverse Problems of Scheduling Jobs to Minimize the Maximum Penalty. Mathematics, 2020, 8, 1131.	1.1	7
100	A Stochastic Multi-Objective Model for a Sustainable Closed-Loop Supply Chain Network Design in the Automotive Industry. Process Integration and Optimization for Sustainability, 2022, 6, 189-209.	1.4	7
101	Two-Machine Flow Shop Scheduling with Nonregular Criteria. Mathematical Modelling and Algorithms, 2004, 3, 123-151.	0.5	6
102	Using Simulated Annealing for Open Shop Scheduling with Sum Criteria. , 2008, , .		6
103	Algorithms for some maximization scheduling problems on a single machine. Automation and Remote Control, 2010, 71, 2070-2084.	0.4	6
104	Minimizing total tardiness on parallel machines with preemptions. Journal of Scheduling, 2012, 15, 193-200.	1.3	6
105	Single machine total tardiness maximization problems: complexity and algorithms. Annals of Operations Research, 2013, 207, 121-136.	2.6	6
106	A Genetic Algorithm for Hybrid Job-Shop Scheduling Problems with Minimizing the Makespan or Mean Flow Time. Journal of Advanced Manufacturing Systems, 2018, 17, 461-486.	0.4	6
107	Special Issue on Exact and Heuristic Scheduling Algorithms. Algorithms, 2020, 13, 9.	1.2	6
108	Zu einigen Nachbarschaftsstrukturen für Iterationsverfahren zur naherangsweisen Lösung spezieller Reihenfolgeprobleme. Optimization, 1988, 19, 539-556.	1.0	5

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109	Two-machine open shop scheduling with secondary criteria. <i>International Transactions in Operational Research</i> , 2003, 10, 267-294.	1.8	5
110	A note on a single machine scheduling problem with generalized total tardiness objective function. <i>Information Processing Letters</i> , 2012, 112, 72-76.	0.4	5
111	Minimising interference for scheduling two parallel machines with a single server. <i>International Journal of Production Research</i> , 2014, 52, 7148-7158.	4.9	5
112	Heuristic Algorithms to Maximize Revenue and the Number of Jobs Processed on Parallel Machines. <i>Automation and Remote Control</i> , 2019, 80, 297-316.	0.4	5
113	Increasing the spatial resolution of cloud property retrievals from Meteosat SEVIRI by use of its high-resolution visible channel: evaluation of candidate approaches with MODIS observations. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 1089-1111.	1.2	5
114	Graph-Theoretic Problems and Their New Applications. <i>Mathematics</i> , 2020, 8, 445.	1.1	5
115	Some relations between neighbourhood graphs for a permutation problem. <i>Optimization</i> , 1991, 22, 297-306.	1.0	4
116	A Heuristic Decomposition Algorithm for Scheduling Problems on Mixed Graphs. <i>Journal of the Operational Research Society</i> , 1995, 46, 1481-1497.	2.1	4
117	Stability of Optimal Line Balance with Given Station Set. , 2005, , 135-149.		4
118	Metaheuristics for Late Work Minimization in Two-Machine Flow Shop with Common Due Date. <i>Lecture Notes in Computer Science</i> , 2005, , 222-234.	1.0	4
119	Hierarchical Scheduling of Mobile Robots in Production-Transportation Supply Chains. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2009, 42, 786-791.	0.4	4
120	Reducing efficiently the search tree for multiprocessor job-shop scheduling problems. <i>International Journal of Production Research</i> , 2013, 51, 7105-7119.	4.9	4
121	Approximability results for the resource-constrained project scheduling problem with a single type of resources. <i>Annals of Operations Research</i> , 2014, 213, 115-130.	2.6	4
122	Special Issue on Algorithms for Scheduling Problems. <i>Algorithms</i> , 2018, 11, 87.	1.2	4
123	On the combinatorial structure of the permutation flow shop problem. <i>Zeitschrift fuer Operations-Research, Serie B: Praxis</i> , 1991, 35, 273-289.	0.3	3
124	A branch and bound algorithm for minimizing weighted completion times with deadlines. <i>Optimization</i> , 1993, 28, 187-199.	1.0	3
125	Calculation of the stability radius of an optimal line balance. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2012, 45, 139-144.	0.4	3
126	A Brief Look at Multi-Criteria Problems: Multi-Threshold Optimization versus Pareto-Optimization. , ,		3

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127	Improved cloud detection for the Aura Microwave Limb Sounder (MLS): training an artificial neural network on colocated MLS and Aqua MODIS data. Atmospheric Measurement Techniques, 2021, 14, 7749-7773.	1.2	3
128	A strongly polynomial algorithm for a new class of linear inequalities ¹ . Optimization, 1995, 33, 43-55.	1.0	2
129	SEQUENCE-DEPENDENT SETUP AND CLEAN-UP TIMES IN A TWO-MACHINE JOB-SHOP WITH MINIMIZING MAKESPAN. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2006, 39, 51-56.	0.4	2
130	Scheduling Jobs with Equal Processing Times. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 1262-1267.	0.4	2
131	Solving a job-shop scheduling problem by an adaptive algorithm based on learning. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 1352-1357.	0.4	2
132	A new effective dynamic program for an investment optimization problem. Automation and Remote Control, 2016, 77, 1633-1648.	0.4	2
133	Graphs with maximal induced matchings of the same size. Discrete Applied Mathematics, 2017, 216, 15-28.	0.5	2
134	Minimizing Total Weighted Tardiness for Scheduling Equal-Length Jobs on a Single Machine. Automation and Remote Control, 2020, 81, 853-868.	0.4	2
135	Branch Less, Cut More and Schedule Jobs with Release and Delivery Times on Uniform Machines. Mathematics, 2021, 9, 633.	1.1	2
136	A Permutation-Based Neighborhood for the Blocking Job-Shop Problem with Total Tardiness Minimization. Operations Research Proceedings: Papers of the Annual Meeting = Vorträge Der Jahrestagung / DGOR, 2018, , 581-586.	0.1	2
137	Polynomial time algorithms for special open shop problems with precedence constraints and unit processing times. RAIRO - Operations Research, 1996, 30, 65-79.	1.0	2
138	Multicriteria Optimization - Pareto-Optimality and Threshold-Optimality. , 2020, , .		2
139	A robust optimization approach for a cellular manufacturing system considering skill-leveled operators and multi-functional machines. Applied Mathematical Modelling, 2022, 107, 379-397.	2.2	2
140	The job - shop problem - modelling by latin rectangles, exact and heuristic solution. , 1990, , 456-465.		1
141	On the solution of determinantal systems of linear inequalities. Optimization, 1995, 35, 301-306.	1.0	1
142	A COMPARISON OF HEURISTICS FOR MEAN FLOW TIME OPEN SHOP SCHEDULING. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2006, 39, 119-124.	0.4	1
143	CYCLIC PROPERTIES OF TRIANGULAR GRID GRAPHS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2006, 39, 149-154.	0.4	1
144	Problem $P2 \parallel C_{max}$ with forbidden jobs in the first or last position is easy. European Journal of Operational Research, 2007, 177, 1310-1311.	3.5	1

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145	On the Complexity of Dissociation Set Problems in Graphs. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 1032-1036.	0.4	1
146	Foreword to the thematical issue devoted to the seventieth anniversary of Academician V.S. Tanaev. Automation and Remote Control, 2010, 71, 2019-2020.	0.4	1
147	Graphs with Maximal Induced Matchings of the Same Size. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 57-62.	0.4	1
148	A note on the paper "Single machine scheduling problems with financial resource constraints: Some complexity results and properties" by E.R. Gafarov et al.. Mathematical Social Sciences, 2013, 65, 232.	0.3	1
149	Makespan Minimization for a Two-Machine Scheduling Problem with a Single Server. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 1364-1369.	0.4	1
150	A Graphical Approach to Solve an Investment Optimization Problem. Mathematical Modelling and Algorithms, 2014, 13, 597-614.	0.5	1
151	The Optimality Box and Region for Single-Machine Scheduling of a Set of Jobs with Uncertain Durations. IFAC-PapersOnLine, 2019, 52, 88-93.	0.5	1
152	Advances and Novel Approaches in Discrete Optimization. Mathematics, 2020, 8, 1426.	1.1	1
153	2020 Selected Papers from Algorithms™ Editorial Board Members. Algorithms, 2021, 14, 32.	1.2	1
154	On the Solution of 2-Machine Flow Shop Problems With a Common Due Date. , 2000, , 383-388.		1
155	A finite characterization and recognition of intersection graphs of hypergraphs with rank at most 3 and multiplicity at most 2 in the class of thresholds graphs. Discussiones Mathematicae - Graph Theory, 2017, 37, 13.	0.2	1
156	The Stability Box for Minimizing Total Weighted Flow Time under Uncertain Data. Advances in Intelligent Systems and Computing, 2013, , 39-55.	0.5	1
157	A Scheduling Extension Scheme of the Earliest Deadline First Policy for Hard Real-Time Uniprocessor Systems Integrated on Posix Threads Based on Linux. Computer Systems Science and Engineering, 2018, 33, 31-40.	1.9	1
158	TIME RESTRICTION ASPECTS IN THE MODELING OF CYBER-PHYSICAL SYSTEMS FOR INDUSTRY 4.0. Bulletin of Kharkov National Automobile and Highway University, 2018, .	0.0	1
159	Special Issue "Mathematical Methods for Operations Research Problems". Mathematics, 2021, 9, 2762.	1.1	1
160	Polynomially Solvable Subcases for the Approximate Solution of Multi-machine Scheduling Problems. Communications in Computer and Information Science, 2020, , 211-223.	0.4	1
161	The 1st International Electronic Conference on Algorithms (IOCA 2021). , 2022, 2, .		1
162	Special Issue "2021 Selected Papers from Algorithms™ Editorial Board Members". Algorithms, 2021, 14, 357.	1.2	1

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163	A Heuristic Decomposition Algorithm for Scheduling Problems on Mixed Graphs. Journal of the Operational Research Society, 1995, 46, 1481.	2.1	0
164	Partial job order for solving the two-machine flow-shop minimum-length problem with uncertain processing times. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 1517-1522.	0.4	0
165	Search on the enumeration tree in the multiprocessor job-shop problem. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 81-86.	0.4	0
166	A polynomially solvable case of a single machine scheduling problem when the maximal job processing time is a constant. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 117-122.	0.4	0
167	Polynomial algorithms for scheduling jobs with two processing times on unrelated machines. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 93-97.	0.4	0
168	Near to Optimal Size Selection in Combinatorial Circuits. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 63-68.	0.4	0
169	A Graphical Approach to Solve Combinatorial Problems: Algorithms and Some Computational Results. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 127-132.	0.4	0
170	A Graphical Approach for Solving Single Machine Scheduling Problems Approximately. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 1340-1345.	0.4	0
171	On a generalized single machine scheduling problem with time-dependent processing times**Supported by RFBR grants 13-01-12108, 15-07-07489, 15-07-03141 and DAAD grant A/1400328. IFAC-PapersOnLine, 2016, 49,5 226-230.	0.5	0
172	Material handling tools for a discrete manufacturing system: A comparison of optimization and simulation. , 2017, , .		0
173	Discrete Optimization: Theory, Algorithms, and Applications. Mathematics, 2019, 7, 397.	1.1	0
174	On Scheduling Problems with Forbidden Stack-Overflows. IFAC-PapersOnLine, 2019, 52, 83-87.	0.5	0
175	A locally optimal insertion heuristic for a one-machine scheduling problem. RAIRO - Operations Research, 1990, 24, 255-262.	1.0	0
176	COLLISIONS OF PARTICLES IN LIMITED SPACE ANALYZED BY MOLECULAR DYNAMICS METHODS. Bulletin of Kharkov National Automobile and Highway University, 2018, .	0.0	0
177	Graph-Theoretic Problems and Their New Applications. , 2020, , .		0
178	Advances and Novel Approaches in Discrete Optimization. , 2020, , .		0