

# Christian Blum

## List of Publications by Year in descending order

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174  
papers

9,542  
citations

218381

26  
h-index

39575

94  
g-index

197  
all docs

197  
docs citations

197  
times ranked

6859  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metaheuristics in combinatorial optimization. <i>ACM Computing Surveys</i> , 2003, 35, 268-308.	16.1	2,445
2	Ant colony optimization theory: A survey. <i>Theoretical Computer Science</i> , 2005, 344, 243-278.	0.5	1,830
3	Ant colony optimization: Introduction and recent trends. <i>Physics of Life Reviews</i> , 2005, 2, 353-373.	1.5	866
4	Hybrid metaheuristics in combinatorial optimization: A survey. <i>Applied Soft Computing Journal</i> , 2011, 11, 4135-4151.	4.1	611
5	Beam-ACO hybridizing ant colony optimization with beam search: an application to open shop scheduling. <i>Computers and Operations Research</i> , 2005, 32, 1565-1591.	2.4	337
6	The Hyper-Cube Framework for Ant Colony Optimization. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2004, 34, 1161-1172.	5.5	329
7	Swarm Intelligence in Optimization. <i>Natural Computing Series</i> , 2008, , 43-85.	2.2	238
8	An ant colony optimization algorithm for continuous optimization: application to feed-forward neural network training. <i>Neural Computing and Applications</i> , 2007, 16, 235-247.	3.2	229
9	An Ant Colony Optimization Algorithm for Shop Scheduling Problems. <i>Mathematical Modelling and Algorithms</i> , 2004, 3, 285-308.	0.5	213
10	Automated Reconstruction of Dendritic and Axonal Trees by Global Optimization with Geometric Priors. <i>Neuroinformatics</i> , 2011, 9, 279-302.	1.5	119
11	Beam-ACO for the travelling salesman problem with time windows. <i>Computers and Operations Research</i> , 2010, 37, 1570-1583.	2.4	106
12	Training feed-forward neural networks with ant colony optimization: an application to pattern classification. , 2005, , .		100
13	Search Bias in Ant Colony Optimization: On the Role of Competition-Balanced Systems. <i>IEEE Transactions on Evolutionary Computation</i> , 2005, 9, 159-174.	7.5	87
14	On solving the assembly line worker assignment and balancing problem via beam search. <i>Computers and Operations Research</i> , 2011, 38, 328-339.	2.4	86
15	The travelling salesman problem with time windows: Adapting algorithms from travel-time to makespan optimization. <i>Applied Soft Computing Journal</i> , 2013, 13, 3806-3815.	4.1	82
16	Beam-ACO for Simple Assembly Line Balancing. <i>INFORMS Journal on Computing</i> , 2008, 20, 618-627.	1.0	68
17	Construct, Merge, Solve & Adapt A new general algorithm for combinatorial optimization. <i>Computers and Operations Research</i> , 2016, 68, 75-88.	2.4	67
18	An iterated greedy algorithm for the large-scale unrelated parallel machines scheduling problem. <i>Computers and Operations Research</i> , 2013, 40, 1829-1841.	2.4	66

#	ARTICLE	IF	CITATIONS
19	Hybrid Metaheuristics: An Introduction. <i>Studies in Computational Intelligence</i> , 2008, , 1-30.	0.7	65
20	A population-based iterated greedy algorithm for the minimum weight vertex cover problem. <i>Applied Soft Computing Journal</i> , 2012, 12, 1632-1639.	4.1	65
21	New metaheuristic approaches for the edge-weighted k-cardinality tree problem. <i>Computers and Operations Research</i> , 2005, 32, 1355-1377.	2.4	62
22	Beam search for the longest common subsequence problem. <i>Computers and Operations Research</i> , 2009, 36, 3178-3186.	2.4	54
23	An ant colony optimization algorithm for DNA sequencing by hybridization. <i>Computers and Operations Research</i> , 2008, 35, 3620-3635.	2.4	50
24	Distributed graph coloring: an approach based on the calling behavior of Japanese tree frogs. <i>Swarm Intelligence</i> , 2012, 6, 117-150.	1.3	46
25	Ant colony optimization for FOP shop scheduling: a case study on different pheromone representations. , 0, , .		45
26	ACO vs EAs for solving a real-world frequency assignment problem in GSM networks. , 2007, , .		43
27	Variable neighbourhood search for the variable sized bin packing problem. <i>Computers and Operations Research</i> , 2012, 39, 1097-1108.	2.4	37
28	Search trajectory networks: A tool for analysing and visualising the behaviour of metaheuristics. <i>Applied Soft Computing Journal</i> , 2021, 109, 107492.	4.1	37
29	An algorithm based on ant colony optimization for the minimum connected dominating set problem. <i>Applied Soft Computing Journal</i> , 2019, 80, 672-686.	4.1	32
30	ACO Applied to Group Shop Scheduling: A Case Study on Intensification and Diversification. <i>Lecture Notes in Computer Science</i> , 2002, , 14-27.	1.0	27
31	Revisiting dynamic programming for finding optimal subtrees in trees. <i>European Journal of Operational Research</i> , 2007, 177, 102-115.	3.5	24
32	Deception in Ant Colony Optimization. <i>Lecture Notes in Computer Science</i> , 2004, , 118-129.	1.0	24
33	Solving the 2D Bin Packing Problem by Means of a Hybrid Evolutionary Algorithm. <i>Procedia Computer Science</i> , 2013, 18, 899-908.	1.2	23
34	Minimum energy broadcasting in wireless sensor networks: An ant colony optimization approach for a realistic antenna model. <i>Applied Soft Computing Journal</i> , 2011, 11, 5684-5694.	4.1	21
35	A hybrid algorithmic model for the minimum weight dominating set problem. <i>Simulation Modelling Practice and Theory</i> , 2016, 64, 57-68.	2.2	21
36	An Artificial Bee Colony Algorithm for the Unrelated Parallel Machines Scheduling Problem. <i>Lecture Notes in Computer Science</i> , 2012, , 143-152.	1.0	20

#	ARTICLE	IF	CITATIONS
37	Search Trajectory Networks of Population-Based Algorithms in Continuous Spaces. Lecture Notes in Computer Science, 2020, , 70-85.	1.0	20
38	Ant colony optimization for multicasting in static wireless ad-hoc networks. Swarm Intelligence, 2009, 3, 125-148.	1.3	19
39	Metaheuristic Hybrids. Profiles in Operations Research, 2010, , 469-496.	0.3	19
40	When Model Bias Is Stronger than Selection Pressure. Lecture Notes in Computer Science, 2002, , 893-902.	1.0	19
41	Local search algorithms for the $k$ -cardinality tree problem. Discrete Applied Mathematics, 2003, 128, 511-540.	0.5	18
42	Beam-ACO Applied to Assembly Line Balancing. Lecture Notes in Computer Science, 2006, , 96-107.	1.0	18
43	Finding Edge-disjoint Paths in Networks: An Ant Colony Optimization Algorithm. Mathematical Modelling and Algorithms, 2007, 6, 361-391.	0.5	18
44	GRASP with path-relinking for the non-identical parallel machine scheduling problem with minimising total weighted completion times. Annals of Operations Research, 2012, 201, 383-401.	2.6	18
45	Swarm Intelligence in Optimization and Robotics. , 2015, , 1291-1309.		18
46	An Introduction to Metaheuristic Techniques. , 2005, , 1-42.		17
47	Large neighbourhood search applied to the efficient solution of spatially explicit strategic supply chain management problems. Computers and Chemical Engineering, 2013, 49, 114-126.	2.0	17
48	Synergistic team composition: A computational approach to foster diversity in teams. Knowledge-Based Systems, 2019, 182, 104799.	4.0	17
49	Ant Colony Optimization for the Maximum Edge-Disjoint Paths Problem. Lecture Notes in Computer Science, 2004, , 160-169.	1.0	16
50	The firefighter problem: Empirical results on random graphs. Computers and Operations Research, 2015, 60, 55-66.	2.4	16
51	Hybrid Metaheuristics. The Artificial Intelligence: Foundations, and Algorithms, 2016, ,	0.2	16
52	Adding Negative Learning to Ant Colony Optimization: A Comprehensive Study. Mathematics, 2021, 9, 361.	1.1	16
53	Hybridizations of Metaheuristics With Branch & Bound Derivates. Studies in Computational Intelligence, 2008, , 85-116.	0.7	16
54	Evolutionary Optimization. , 2012, , 1-29.		16

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55	Hybrid Metaheuristics. Computers and Operations Research, 2010, 37, 430-431.	2.4	14
56	Mathematical programming strategies for solving the minimum common string partition problem. European Journal of Operational Research, 2015, 242, 769-777.	3.5	14
57	Solving longest common subsequence problems via a transformation to the maximum clique problem. Computers and Operations Research, 2021, 125, 105089.	2.4	14
58	FrogSim: distributed graph coloring in wireless ad hoc networks. Telecommunication Systems, 2014, 55, 211-223.	1.6	13
59	Finding Longest Common Subsequences: New anytime $A$ <small>xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e16706" altimg="si725.svg"&gt;&lt;mml:msup&gt;&lt;mml:mrow /&gt;&lt;mml:mrow&gt;&lt;mml:mo&gt;âˆ’&lt;/mml:mo&gt;&lt;/mml:mrow&gt;&lt;/mml:msup&gt;&lt;/mml:math&gt;</small> search results. Applied Soft Computing Journal, 2020, 95, 106499.	4.1	13
60	Solution Merging in Matheuristics for Resource Constrained Job Scheduling. Algorithms, 2020, 13, 256.	1.2	13
61	A Computational Approach to Quantify the Benefits of Ridesharing for Policy Makers and Travellers. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 119-130.	4.7	13
62	Ant Colony Optimization for Energy-Efficient Broadcasting in Ad-Hoc Networks. Lecture Notes in Computer Science, 2008, , 25-36.	1.0	13
63	Hybridizing Beam-ACO with Constraint Programming for Single Machine Job Scheduling. Lecture Notes in Computer Science, 2009, , 30-44.	1.0	13
64	Construct, Merge, Solve and Adapt: Application to the Repetition-Free Longest Common Subsequence Problem. Lecture Notes in Computer Science, 2016, , 46-57.	1.0	12
65	An Improved Greedy Heuristic for the Minimum Positive Influence Dominating Set Problem in Social Networks. Algorithms, 2021, 14, 79.	1.2	12
66	Probabilistic Beam Search for the Longest Common Subsequence Problem. , 2007, , 150-161.		12
67	A comprehensive comparison of metaheuristics for the repetition-free longest common subsequence problem. Journal of Heuristics, 2018, 24, 551-579.	1.1	11
68	Application of CMSA to the minimum capacitated dominating set problem. , 2019, , .		11
69	Metaheuristics for Group Shop Scheduling. Lecture Notes in Computer Science, 2002, , 631-640.	1.0	11
70	Combining Ant Colony Optimization with Dynamic Programming for Solving the k-Cardinality Tree Problem. Lecture Notes in Computer Science, 2005, , 25-33.	1.0	10
71	Self-synchronized duty-cycling for mobile sensor networks with energy harvesting capabilities: A swarm intelligence study. , 2009, , .		10
72	The weighted independent domination problem: Integer linear programming models and metaheuristic approaches. European Journal of Operational Research, 2018, 265, 860-871.	3.5	10

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73	Iterative Probabilistic Tree Search for the Minimum Common String Partition Problem. Lecture Notes in Computer Science, 2014, , 145-154.	1.0	10
74	Distributed graph coloring in wireless ad hoc networks: A light-weight algorithm based on Japanese tree frogs' calling behaviour. , 2011, , .		9
75	Hybrid techniques based on solving reduced problem instances for a longest common subsequence problem. Applied Soft Computing Journal, 2018, 62, 15-28.	4.1	9
76	A Beam Search for the Longest Common Subsequence Problem Guided by a Novel Approximate Expected Length Calculation. Lecture Notes in Computer Science, 2019, , 154-167.	1.0	9
77	Large neighbourhood search algorithms for the founder sequence reconstruction problem. Computers and Operations Research, 2012, 39, 213-224.	2.4	8
78	The Firefighter Problem: Application of Hybrid Ant Colony Optimization Algorithms. Lecture Notes in Computer Science, 2014, , 218-229.	1.0	8
79	A matheuristic for the minimum weight rooted arborescence problem. Journal of Heuristics, 2015, 21, 479-499.	1.1	8
80	Metaheuristic Hybrids. Profiles in Operations Research, 2019, , 385-417.	0.3	8
81	A Probabilistic Beam Search Approach to the Shortest Common Supersequence Problem. Lecture Notes in Computer Science, 2007, , 36-47.	1.0	8
82	Ant Colony Optimization: Introduction and Hybridizations. , 2007, , .		7
83	On the use of different types of knowledge in metaheuristics based on constructing solutions. Engineering Applications of Artificial Intelligence, 2010, 23, 650-659.	4.3	7
84	Beam-ACO for the longest common subsequence problem. , 2010, , .		7
85	FlockOpt: A new swarm optimization algorithm based on collective behavior of starling birds. , 2011, , .		7
86	Hybrid Metaheuristics in Combinatorial Optimization: A Tutorial. Lecture Notes in Computer Science, 2012, , 1-10.	1.0	7
87	Beam-ACO for the Repetition-Free Longest Common Subsequence Problem. Lecture Notes in Computer Science, 2014, , 79-90.	1.0	7
88	Tabu Search for the Founder Sequence Reconstruction Problem: A Preliminary Study. Lecture Notes in Computer Science, 2009, , 1035-1042.	1.0	7
89	Variable Neighborhood Search for the Two-Echelon Electric Vehicle Routing Problem with Time Windows. Applied Sciences (Switzerland), 2022, 12, 1014.	1.3	7
90	A Hybrid Ant Colony Optimization Algorithm for the Far From Most String Problem. Lecture Notes in Computer Science, 2014, , 1-12.	1.0	6

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91	FrogCOL and FrogMIS: new decentralized algorithms for finding large independent sets in graphs. <i>Swarm Intelligence</i> , 2015, 9, 205-227.	1.3	6
92	An Artificial Bioindicator System for Network Intrusion Detection. <i>Artificial Life</i> , 2015, 21, 93-118.	1.0	6
93	Maximising the Net Present Value of Project Schedules Using CMSA and Parallel ACO. <i>Lecture Notes in Computer Science</i> , 2019, , 16-30.	1.0	6
94	Anytime algorithms for the longest common palindromic subsequence problem. <i>Computers and Operations Research</i> , 2020, 114, 104827.	2.4	6
95	An Extended Beam-ACO Approach to the Time and Space Constrained Simple Assembly Line Balancing Problem. <i>Lecture Notes in Computer Science</i> , 2008, , 85-96.	1.0	6
96	Distributed ant colony optimization for minimum energy broadcasting in sensor networks with realistic antennas. <i>Computers and Mathematics With Applications</i> , 2012, 64, 3683-3700.	1.4	5
97	Computational performance evaluation of two integer linear programming models for the minimum common string partition problem. <i>Optimization Letters</i> , 2016, 10, 189-205.	0.9	5
98	Large neighborhood search for the most strings with few bad columns problem. <i>Soft Computing</i> , 2017, 21, 4901-4915.	2.1	5
99	A comparative analysis of two matheuristics by means of merged local optima networks. <i>European Journal of Operational Research</i> , 2021, 290, 36-56.	3.5	5
100	A Greedy Heuristic for Maximizing the Lifetime of Wireless Sensor Networks Based on Disjoint Weighted Dominating Sets. <i>Algorithms</i> , 2021, 14, 170.	1.2	5
101	Solving the Longest Common Subsequence Problem Concerning Non-Uniform Distributions of Letters in Input Strings. <i>Mathematics</i> , 2021, 9, 1515.	1.1	5
102	Construct, Merge, Solve and Adapt: Application to Unbalanced Minimum Common String Partition. <i>Lecture Notes in Computer Science</i> , 2016, , 17-31.	1.0	5
103	Reconstructing Geometrically Consistent Tree Structures from Noisy Images. <i>Lecture Notes in Computer Science</i> , 2010, 13, 291-299.	1.0	5
104	A Biased Random Key Genetic Algorithm with Rollout Evaluations for the Resource Constraint Job Scheduling Problem. <i>Lecture Notes in Computer Science</i> , 2019, , 549-560.	1.0	5
105	A new hybrid evolutionary algorithm for the huge k-cardinality tree problem. , 2006, , .		4
106	Implementing a model of Japanese tree frogs' calling behavior in sensor networks. , 2011, , .		4
107	Iterated Greedy Algorithms for the Maximal Covering Location Problem. <i>Lecture Notes in Computer Science</i> , 2012, , 172-181.	1.0	4
108	Mining k-reachable sets in real-world networks using domination in shortcut graphs. <i>Journal of Computational Science</i> , 2017, 22, 1-14.	1.5	4

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109	On solving large-scale instances of the knapsack problem with setup by means of an iterated greedy algorithm. , 2017, , .		4
110	Route planning for cooperative air-ground robots with fuel constraints. , 2019, , .		4
111	Barrakuda: A Hybrid Evolutionary Algorithm for Minimum Capacitated Dominating Set Problem. Mathematics, 2020, 8, 1858.	1.1	4
112	An Aaž search algorithm for the constrained longest common subsequence problem. Information Processing Letters, 2021, 166, 106041.	0.4	4
113	Multi-level Ant Colony Optimization for DNA Sequencing by Hybridization. Lecture Notes in Computer Science, 2006, , 94-109.	1.0	4
114	Job Sequencing with One Common and Multiple Secondary Resources: A Problem Motivated from Particle Therapy for Cancer Treatment. Lecture Notes in Computer Science, 2018, , 506-518.	1.0	4
115	Using Branch & Bound Concepts in Construction-Based Metaheuristics: Exploiting the Dual Problem Knowledge. Lecture Notes in Computer Science, 2007, , 123-139.	1.0	4
116	Ant Colony Optimization. , 2006, , 153-180.		3
117	Energy-efficient multicasting in wireless ad-hoc networks: An ant colony optimization approach. , 2008, , .		3
118	On solving the most strings with few bad columns problem: An ILP model and heuristics. , 2015, , .		3
119	A randomized population-based iterated greedy algorithm for the minimum weight dominating set problem. , 2015, , .		3
120	Extension of the CMSA Algorithm. , 2016, , .		3
121	A hybrid evolutionary algorithm based on solution merging for the longest arc-preserving common subsequence problem. , 2017, , .		3
122	Minimum common string partition: on solving large-scale problem instances. International Transactions in Operational Research, 2020, 27, 91-111.	1.8	3
123	Optimization Techniques and Formal Verification for the Software Design of Boolean Algebra Based Safety-Critical Systems. IEEE Transactions on Industrial Informatics, 2022, 18, 620-630.	7.2	3
124	Critical Parallelization of Local Search for MAX-SAT. Lecture Notes in Computer Science, 2001, , 147-158.	1.0	3
125	Construct, Merge, Solve and Adapt Versus Large Neighborhood Search for Solving the Multi-dimensional Knapsack Problem: Which One Works Better When?. Lecture Notes in Computer Science, 2017, , 60-74.	1.0	3
126	A Hybrid Metaheuristic for the Longest Common Subsequence Problem. Lecture Notes in Computer Science, 2010, , 1-15.	1.0	3



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127	New Constructive Heuristics for DNA Sequencing by Hybridization. Lecture Notes in Computer Science, 2006, , 355-365.	1.0	3
128	A Randomized Iterated Greedy Algorithm for the Founder Sequence Reconstruction Problem. Lecture Notes in Computer Science, 2010, , 37-51.	1.0	3
129	NuCDS: An Efficient Local Search Algorithm for Minimum Connected Dominating Set. , 2020, , .		3
130	On Solving a Generalized Constrained Longest Common Subsequence Problem. Lecture Notes in Computer Science, 2020, , 55-70.	1.0	3
131	A New Approach for Making Use of Negative Learning in Ant Colony Optimization. Lecture Notes in Computer Science, 2020, , 16-28.	1.0	3
132	A Population-Based Iterated Greedy Algorithm for Maximizing Sensor Network Lifetime. Sensors, 2022, 22, 1804.	2.1	3
133	A Self-Adaptive Variant of CMSA: Application to the Minimum Positive Influence Dominating Set Problem. International Journal of Computational Intelligence Systems, 2022, 15, .	1.6	3
134	Self-synchronized duty-cycling in sensor networks with energy harvesting capabilities. , 2009, , .		2
135	Hybrid Algorithms for the Variable Sized Bin Packing Problem. Lecture Notes in Computer Science, 2010, , 16-30.	1.0	2
136	A Protocol for Self-Synchronized Duty-Cycling in Sensor Networks: Generic Implementation in Wiselib. , 2010, , .		2
137	Hybrid Algorithms for the Minimum-Weight Rooted Arborescence Problem. Lecture Notes in Computer Science, 2012, , 61-72.	1.0	2
138	The Weighted Independent Domination Problem: ILP Model and Algorithmic Approaches. Lecture Notes in Computer Science, 2017, , 201-214.	1.0	2
139	A new optimization model for wastewater treatment planning with a temporal component. Chemical Engineering Research and Design, 2020, 136, 157-168.	2.7	2
140	Negative learning ant colony optimization for the minimum positive influence dominating set problem. , 2021, , .		2
141	Solving the Two-Dimensional Bin Packing Problem with a Probabilistic Multi-start Heuristic. Lecture Notes in Computer Science, 2011, , 76-90.	1.0	2
142	Graph search and variable neighborhood search for finding constrained longest common subsequences in artificial and real gene sequences. Applied Soft Computing Journal, 2022, 122, 108844.	4.1	2
143	Iterated local search and constructive heuristics for error correcting code design. International Journal of Innovative Computing and Applications, 2007, 1, 14.	0.2	1
144	Ant Colony Optimization: Introduction and Hybridizations. , 2007, , .		1

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145	Asynchronous simulation of a self-synchronized duty-cycling mechanism for mobile sensor networks. , 2009, , .		1
146	Hybridization Based on Large Neighborhood Search. The Artificial Intelligence: Foundations, and Algorithms, 2016, , 63-82.	0.2	1
147	ILP-Based Reduced Variable Neighborhood Search for Large-Scale Minimum Common String Partition. Electronic Notes in Discrete Mathematics, 2018, 66, 15-22.	0.4	1
148	A biased random key genetic algorithm for the weighted independent domination problem. , 2019, , .		1
149	Job sequencing with one common and multiple secondary resources: An A* / Beam Search based anytime algorithm. Artificial Intelligence, 2019, 277, 103173.	3.9	1
150	Negative Learning in Ant Colony Optimization: Application to the Multi Dimensional Knapsack Problem. , 2021, , .		1
151	Can Frogs Find Large Independent Sets in a Decentralized Way? Yes They Can!. Lecture Notes in Computer Science, 2014, , 74-85.	1.0	1
152	Application of Large Neighborhood Search to Strategic Supply Chain Management in the Chemical Industry. Studies in Computational Intelligence, 2013, , 335-352.	0.7	1
153	Beam-ACO Based on Stochastic Sampling: A Case Study on the TSP with Time Windows. Lecture Notes in Computer Science, 2009, , 59-73.	1.0	1
154	Interpretation of a hierarchical neural network. Lecture Notes in Computer Science, 1997, , 651-659.	1.0	0
155	Diagnosis of Finger Dysfunction Caused by Ulnar Nerve Lesion. Journal of Intelligent Systems, 1998, 8, .	1.2	0
156	A nature-inspired algorithm for the disjoint paths problem. , 2006, , .		0
157	Ant colony optimization. , 2011, , .		0
158	Guest editorial: Special issue based on the LION 4 conference. Annals of Mathematics and Artificial Intelligence, 2011, 61, 47-48.	0.9	0
159	Foundations of ANTICYCLE: Self-synchronized Duty-cycling in Mobile Sensor Networks. Computer Journal, 2011, 54, 1427-1448.	1.5	0
160	ANTS 2012 special issue. Swarm Intelligence, 2013, 7, 79-81.	1.3	0
161	Ant Colony Optimization for the Minimum-Weight Rooted Arborescence Problem. , 2015, , 1333-1343.		0
162	Editorial for the Special Issue on Combinatorial Optimization Problems. Evolutionary Computation, 2016, 24, 573-575.	2.3	0

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163	Incomplete Solution Representations and Decoders. The Artificial Intelligence: Foundations, and Algorithms, 2016, , 27-44.	0.2	0
164	Making Use of a Parallel, Non-independent, Construction of Solutions Within Metaheuristics. The Artificial Intelligence: Foundations, and Algorithms, 2016, , 83-99.	0.2	0
165	Heterogeneous Teams for Homogeneous Performance. Lecture Notes in Computer Science, 2018, , 89-105.	1.0	0
166	Selected String Problems. , 2018, , 1221-1240.		0
167	ANTS 2018 special issue: Editorial. Swarm Intelligence, 2019, 13, 169-172.	1.3	0
168	Exact and Heuristic Approaches for the Longest Common Palindromic Subsequence Problem. Lecture Notes in Computer Science, 2019, , 199-214.	1.0	0
169	Learning Maximum Weighted $(k+1)$ -Order Decomposable Graphs by Integer Linear Programming. Lecture Notes in Computer Science, 2014, , 396-408.	1.0	0
170	The Workshops at PPSN 2016. Lecture Notes in Computer Science, 2016, , 1007-1011.	1.0	0
171	Generic CP-Supported CMSA for Binary Integer Linear Programs. Lecture Notes in Computer Science, 2019, , 1-15.	1.0	0
172	ANTS 2020 Special Issue: Editorial. Swarm Intelligence, 2021, 15, 311-313.	1.3	0
173	Negative learning Ant colony optimization for network alignment. , 2022, , .		0
174	A biased random key genetic algorithm applied to target set selection in viral marketing. , 2022, , .		0