

Peter J Stuckey

List of Publications by Year in descending order

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223
papers

5,161
citations

201385

27
h-index

174990

52
g-index

240
all docs

240
docs citations

240
times ranked

3658
citing authors

#	ARTICLE	IF	CITATIONS
1	MUSTANG: A multiple structural alignment algorithm. <i>Proteins: Structure, Function and Bioinformatics</i> , 2006, 64, 559-574.	1.5	615
2	<i>Programming with Constraints</i> . , 1998, , .		514
3	MiniZinc: Towards a Standard CP Modelling Language. , 2007, , 529-543.		411
4	Automatic generation of protein structure cartoons with Pro-origami. <i>Bioinformatics</i> , 2011, 27, 3315-3316.	1.8	173
5	Propagation via lazy clause generation. <i>Constraints</i> , 2009, 14, 357-391.	0.4	156
6	The semantics of constraint logic programs1Note that reviewing of this paper was handled by the Editor-in-Chief.1. <i>The Journal of Logic Programming</i> , 1998, 37, 1-46.	1.9	131
7	The Design of the Zinc Modelling Language. <i>Constraints</i> , 2008, 13, 229-267.	0.4	101
8	Efficient constraint propagation engines. <i>ACM Transactions on Programming Languages and Systems</i> , 2008, 31, 1-43.	1.7	80
9	Solving linear arithmetic constraints for user interface applications. , 1997, , .		69
10	Explaining the cumulative propagator. <i>Constraints</i> , 2011, 16, 250-282.	0.4	66
11	The Refined Operational Semantics of Constraint Handling Rules. <i>Lecture Notes in Computer Science</i> , 2004, , 90-104.	1.0	65
12	The MiniZinc Challenge 2008â€“2013. <i>AI Magazine</i> , 2014, 35, 55-60.	1.4	65
13	Incremental analysis of constraint logic programs. <i>ACM Transactions on Programming Languages and Systems</i> , 2000, 22, 187-223.	1.7	63
14	Searching with Consistent Prioritization for Multi-Agent Path Finding. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , 2019, 33, 7643-7650.	3.6	63
15	Lazy Clause Generation Reengineered. <i>Lecture Notes in Computer Science</i> , 2009, , 352-366.	1.0	60
16	Beyond finite domains. <i>Lecture Notes in Computer Science</i> , 1994, , 86-94.	1.0	58
17	Integrated Task Assignment and Path Planning for Capacitated Multi-Agent Pickup and Delivery. <i>IEEE Robotics and Automation Letters</i> , 2021, 6, 5816-5823.	3.3	58
18	Understanding functional dependencies via constraint handling rules. <i>Journal of Functional Programming</i> , 2007, 17, 83-129.	0.5	55

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19	Solving RCPSP/max by lazy clause generation. <i>Journal of Scheduling</i> , 2013, 16, 273-289.	1.3	55
20	Short-term planning for open pit mines: a review. <i>International Journal of Mining, Reclamation and Environment</i> , 2019, 33, 318-339.	1.2	54
21	Constraint cascading style sheets for the Web. , 1999, , .		51
22	MUSTANG-MR Structural Sieving Server: Applications in Protein Structural Analysis and Crystallography. <i>PLoS ONE</i> , 2010, 5, e10048.	1.1	47
23	Exploration of Networks using overview+detail with Constraint-based cooperative layout. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2008, 14, 1293-1300.	2.9	46
24	Interactive type debugging in Haskell. , 2003, , .		45
25	Fast and accurate protein substructure searching with simulated annealing and GPUs. <i>BMC Bioinformatics</i> , 2010, 11, 446.	1.2	41
26	Why Cumulative Decomposition Is Not as Bad as It Sounds. <i>Lecture Notes in Computer Science</i> , 2009, , 746-761.	1.0	38
27	Lock-free parallel dynamic programming. <i>Journal of Parallel and Distributed Computing</i> , 2010, 70, 839-848.	2.7	33
28	Propagation = Lazy Clause Generation. , 2007, , 544-558.		33
29	Structural search and retrieval using a tableau representation of protein folding patterns. <i>Bioinformatics</i> , 2008, 24, 645-651.	1.8	30
30	Mixed-integer linear programming and constraint programming formulations for solving resource availability cost problems. <i>European Journal of Operational Research</i> , 2018, 266, 472-486.	3.5	29
31	Improving Linear Constraint Propagation by Changing Constraint Representation. <i>Constraints</i> , 2003, 8, 173-207.	0.4	28
32	Removing Node Overlapping in Graph Layout Using Constrained Optimization. <i>Constraints</i> , 2003, 8, 143-171.	0.4	28
33	Solving Talent Scheduling with Dynamic Programming. <i>INFORMS Journal on Computing</i> , 2011, 23, 120-137.	1.0	28
34	Branch-and-Cut-and-Price for Multi-Agent Pathfinding. , 2019, , .		27
35	Monadic constraint programming. <i>Journal of Functional Programming</i> , 2009, 19, 663-697.	0.5	26
36	Improving type error diagnosis. , 2004, , .		25

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37	Philosophy of the MiniZinc challenge. <i>Constraints</i> , 2010, 15, 307-316.	0.4	25
38	Pairwise symmetry reasoning for multi-agent path finding search. <i>Artificial Intelligence</i> , 2021, 301, 103574.	3.9	25
39	Encodings of the Sequence Constraint. , 2007, , 210-224.		25
40	Synthesizing Optimal Switching Lattices. <i>ACM Transactions on Design Automation of Electronic Systems</i> , 2014, 20, 1-14.	1.9	23
41	A Decomposition-Based Algorithm for the Scheduling of Open-Pit Networks Over Multiple Time Periods. <i>Management Science</i> , 2016, 62, 3059-3084.	2.4	23
42	An Overview of HAL. <i>Lecture Notes in Computer Science</i> , 1999, , 174-188.	1.0	23
43	Explaining Time-Table-Edge-Finding Propagation for the Cumulative Resource Constraint. <i>Lecture Notes in Computer Science</i> , 2013, , 234-250.	1.0	23
44	Branch-and-cut-and-price for the Electric Vehicle Routing Problem with Time Windows, Piecewise-Linear Recharging and Capacitated Recharging Stations. <i>Computers and Operations Research</i> , 2022, 145, 105870.	2.4	23
45	Dynamic Programming to Minimize the Maximum Number of Open Stacks. <i>INFORMS Journal on Computing</i> , 2007, 19, 607-617.	1.0	22
46	Minimum Cardinality Matrix Decomposition into Consecutive-Ones Matrices: CP and IP Approaches. <i>Lecture Notes in Computer Science</i> , 2007, , 1-15.	1.0	22
47	Logic programming with satisfiability. <i>Theory and Practice of Logic Programming</i> , 2008, 8, 121-128.	1.1	21
48	Optimizing compilation of constraint handling rules in HAL. <i>Theory and Practice of Logic Programming</i> , 2005, 5, 503-531.	1.1	20
49	Incremental Satisfiability and Implication for UTVPI Constraints. <i>INFORMS Journal on Computing</i> , 2010, 22, 514-527.	1.0	20
50	Combining String Abstract Domains for JavaScript Analysis: An Evaluation. <i>Lecture Notes in Computer Science</i> , 2017, , 41-57.	1.0	20
51	Search combinators. <i>Constraints</i> , 2013, 18, 269-305.	0.4	19
52	Using constraint programming for solving RCPSP/max-cal. <i>Constraints</i> , 2017, 22, 432-462.	0.4	19
53	Short-term scheduling of an open-pit mine with multiple objectives. <i>Engineering Optimization</i> , 2017, 49, 777-795.	1.5	19
54	Maximising the Net Present Value for Resource-Constrained Project Scheduling. <i>Lecture Notes in Computer Science</i> , 2012, , 362-378.	1.0	19

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55	Symmetry-Breaking Constraints for Grid-Based Multi-Agent Path Finding. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 6087-6095.	3.6	19
56	Dantzig-Wolfe decomposition and branch-and-price solving in G12. Constraints, 2011, 16, 77-99.	0.4	18
57	A Decomposition-Based Heuristic for Collaborative Scheduling in a Network of Open-Pit Mines. INFORMS Journal on Computing, 2014, 26, 658-676.	1.0	18
58	Statistical inference of protein structural alignments using information and compression. Bioinformatics, 2017, 33, 1005-1013.	1.8	18
59	Core-Boosted Linear Search for Incomplete MaxSAT. Lecture Notes in Computer Science, 2019, , 39-56.	1.0	18
60	Logistics optimization for a coal supply chain. Journal of Heuristics, 2020, 26, 269-300.	1.1	18
61	Improved Linearization of Constraint Programming Models. Lecture Notes in Computer Science, 2016, , 49-65.	1.0	18
62	Context-Sensitive Dynamic Partial Order Reduction. Lecture Notes in Computer Science, 2017, , 526-543.	1.0	18
63	Incremental Linear Constraint Solving and Detection of Implicit Equalities. ORSA Journal on Computing, 1991, 3, 269-274.	1.7	17
64	MDD propagators with explanation. Constraints, 2011, 16, 407-429.	0.4	17
65	Orthogonal Connector Routing. Lecture Notes in Computer Science, 2010, , 219-231.	1.0	17
66	MiniZinc with Functions. Lecture Notes in Computer Science, 2013, , 268-283.	1.0	17
67	IMPROVING EVOLUTIONARY ALGORITHMS FOR EFFICIENT CONSTRAINT SATISFACTION. International Journal on Artificial Intelligence Tools, 1999, 08, 363-383.	0.7	16
68	Efficient Intelligent Backtracking Using Linear Programming. INFORMS Journal on Computing, 2002, 14, 373-386.	1.0	16
69	Explaining circuit propagation. Constraints, 2014, 19, 1-29.	0.4	16
70	The G12 Project: Mapping Solver Independent Models to Efficient Solutions. Lecture Notes in Computer Science, 2005, , 9-13.	1.0	16
71	Signedness-Agnostic Program Analysis: Precise Integer Bounds for Low-Level Code. Lecture Notes in Computer Science, 2012, , 115-130.	1.0	16
72	MIRAGAAâ€”a methodology for finding coordinated effects of microRNA expression changes and genome aberrations in cancer. Bioinformatics, 2010, 26, 161-167.	1.8	15

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73	Horn clauses as an intermediate representation for program analysis and transformation. Theory and Practice of Logic Programming, 2015, 15, 526-542.	1.1	15
74	A Model for Inter-module Analysis and Optimizing Compilation. Lecture Notes in Computer Science, 2001, , 86-102.	1.0	15
75	Half Reification and Flattening. Lecture Notes in Computer Science, 2011, , 286-301.	1.0	15
76	Abstract Interpretation over Non-lattice Abstract Domains. Lecture Notes in Computer Science, 2013, , 6-24.	1.0	15
77	Projecting CLPR constraints. New Generation Computing, 1993, 11, 449-469.	2.5	14
78	Incremental Connector Routing. Lecture Notes in Computer Science, 2006, , 446-457.	1.0	14
79	Learning Value Heuristics for Constraint Programming. Lecture Notes in Computer Science, 2015, , 108-123.	1.0	14
80	Conflict Directed Lazy Decomposition. Lecture Notes in Computer Science, 2012, , 70-85.	1.0	14
81	Unbounded Model-Checking with Interpolation for Regular Language Constraints. Lecture Notes in Computer Science, 2013, , 277-291.	1.0	14
82	CP and IP approaches to cancer radiotherapy delivery optimization. Constraints, 2011, 16, 173-194.	0.4	13
83	Symmetries, almost symmetries, and lazy clause generation. Constraints, 2014, 19, 434-462.	0.4	13
84	Optimal Sankey Diagrams Via Integer Programming. , 2018, , .		13
85	ACD Term Rewriting. Lecture Notes in Computer Science, 2006, , 117-131.	1.0	13
86	Encoding Linear Constraints into SAT. Lecture Notes in Computer Science, 2014, , 75-91.	1.0	13
87	A Novel Approach to String Constraint Solving. Lecture Notes in Computer Science, 2017, , 3-20.	1.0	13
88	HM(X) type inference is CLP(X) solving. Journal of Functional Programming, 2008, 18, .	0.5	12
89	Tableau-based protein substructure search using quadratic programming. BMC Bioinformatics, 2009, 10, 153.	1.2	12
90	Discovery and analysis of consistent active sub-networks in cancers. BMC Bioinformatics, 2013, 14, S7.	1.2	12

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91	Interval Analysis and Machine Arithmetic. ACM Transactions on Programming Languages and Systems, 2015, 37, 1-35.	1.7	12
92	The future of optimization technology. Constraints, 2014, 19, 126-138.	0.4	11
93	Local Search for a Cargo Assembly Planning Problem. Lecture Notes in Computer Science, 2014, , 159-175.	1.0	11
94	Sequential Time Splitting and Bounds Communication for a Portfolio of Optimization Solvers. Lecture Notes in Computer Science, 2014, , 108-124.	1.0	11
95	Optimal k-Level Planarization and Crossing Minimization. Lecture Notes in Computer Science, 2011, , 238-249.	1.0	11
96	Optimal Carpet Cutting. Lecture Notes in Computer Science, 2011, , 69-84.	1.0	11
97	Scheduling Optional Tasks with Explanation. Lecture Notes in Computer Science, 2013, , 628-644.	1.0	11
98	Fast Node Overlap Removalâ€”Correction. , 2006, , 446-447.		11
99	A Lagrangian Relaxation Based Forward-Backward Improvement Heuristic for Maximising the Net Present Value of Resource-Constrained Projects. Lecture Notes in Computer Science, 2013, , 340-346.	1.0	10
100	To the Gates of HAL: A HAL Tutorial. Lecture Notes in Computer Science, 2002, , 47-66.	1.0	10
101	Ballot-Polling Risk Limiting Audits for IRV Elections. Lecture Notes in Computer Science, 2018, , 17-34.	1.0	10
102	To Encode or to Propagate? The Best Choice for Each Constraint in SAT. Lecture Notes in Computer Science, 2013, , 97-106.	1.0	10
103	Piecewise linear approximation of protein structures using the principle of minimum message length. Bioinformatics, 2011, 27, i43-i51.	1.8	9
104	Universal Architectural Concepts Underlying Protein Folding Patterns. Frontiers in Molecular Biosciences, 2020, 7, 612920.	1.6	9
105	MiniZinc with Strings. Lecture Notes in Computer Science, 2017, , 59-75.	1.0	9
106	Boolean Equi-propagation for Optimized SAT Encoding. Lecture Notes in Computer Science, 2011, , 621-636.	1.0	9
107	Branch-and-cut-and-price for multi-agent path finding. Computers and Operations Research, 2022, 144, 105809.	2.4	9
108	Optimizing compilation of CLP(\hat{a}, \hat{r}). ACM Transactions on Programming Languages and Systems, 1998, 20, 1223-1250.	1.7	8

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109	Global difference constraint propagation for finite domain solvers. , 2008, , .		8
110	Automating branch-and-bound for dynamic programs. , 2008, , .		8
111	A Declarative Approach to Constrained Community Detection. Lecture Notes in Computer Science, 2017, , 477-494.	1.0	8
112	An iterative approach to precondition inference using constrained Horn clauses. Theory and Practice of Logic Programming, 2018, 18, 553-570.	1.1	8
113	Solution-Based Phase Saving for CP: A Value-Selection Heuristic to Simulate Local Search Behavior in Complete Solvers. Lecture Notes in Computer Science, 2018, , 99-108.	1.0	8
114	Solver Independent Rotating Workforce Scheduling. Lecture Notes in Computer Science, 2018, , 429-445.	1.0	8
115	Constraints for symmetry breaking in graph representation. Constraints, 2019, 24, 1-24.	0.4	8
116	Nutmeg: a MIP and CP Hybrid Solver Using Branch-and-Check. SN Operations Research Forum, 2020, 1, 1.	0.6	8
117	A Framework for Analysis of Typed Logic Programs. Lecture Notes in Computer Science, 2001, , 296-310.	1.0	8
118	Core-Guided and Core-Boosted Search for CP. Lecture Notes in Computer Science, 2020, , 205-221.	1.0	8
119	From High-Level Model to Branch-and-Price Solution in G12. , 2008, , 218-232.		8
120	Explaining Flow-Based Propagation. Lecture Notes in Computer Science, 2012, , 146-162.	1.0	8
121	Boolean Constraints for Binding-Time Analysis. Lecture Notes in Computer Science, 2001, , 39-62.	1.0	8
122	A Hybrid BDD and SAT Finite Domain Constraint Solver. Lecture Notes in Computer Science, 2005, , 103-117.	1.0	7
123	Optimal guillotine layout. , 2012, , .		7
124	Exploiting subproblem dominance in constraint programming. Constraints, 2012, 17, 1-38.	0.4	7
125	Failure tabled constraint logic programming by interpolation. Theory and Practice of Logic Programming, 2013, 13, 593-607.	1.1	7
126	Dominance breaking constraints. Constraints, 2015, 20, 155-182.	0.4	7

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127	Multi-objective short-term production scheduling for open-pit mines: a hierarchical decomposition-based algorithm. <i>Engineering Optimization</i> , 2018, 50, 2143-2160.	1.5	7
128	Compiling CP subproblems to MDDs and d-DNNFs. <i>Constraints</i> , 2019, 24, 56-93.	0.4	7
129	Computing the Margin of Victory in Preferential Parliamentary Elections. <i>Lecture Notes in Computer Science</i> , 2018, , 1-16.	1.0	7
130	Modeling and Solving Project Scheduling with Calendars. <i>Lecture Notes in Computer Science</i> , 2015, , 262-278.	1.0	7
131	Flexible, Rule-Based Constraint Model Linearisation. , 2008, , 68-83.		7
132	Cadmium: An Implementation of ACD Term Rewriting. <i>Lecture Notes in Computer Science</i> , 2008, , 531-545.	1.0	7
133	Search Combinators. <i>Lecture Notes in Computer Science</i> , 2011, , 774-788.	1.0	7
134	A Generic Method for Identifying and Exploiting Dominance Relations. <i>Lecture Notes in Computer Science</i> , 2012, , 6-22.	1.0	7
135	A Generic Framework for Context-Sensitive Analysis of Modular Programs. <i>Lecture Notes in Computer Science</i> , 2004, , 233-260.	1.0	6
136	Constraint Logic Programming. <i>Foundations of Artificial Intelligence</i> , 2006, , 409-452.	0.9	6
137	The island confinement method for reducing search space in local search methods. <i>Journal of Heuristics</i> , 2007, 13, 557-585.	1.1	6
138	Exact and Heuristic Methods for the Resource-Constrained Net Present Value Problem. , 2015, , 299-318.		6
139	Solver-Independent Large Neighbourhood Search. <i>Lecture Notes in Computer Science</i> , 2018, , 81-98.	1.0	6
140	Constraint Programming for Dynamic Symbolic Execution of JavaScript. <i>Lecture Notes in Computer Science</i> , 2019, , 1-19.	1.0	6
141	Techniques Inspired by Local Search for Incomplete MaxSAT and the Linear Algorithm: Varying Resolution and Solution-Guided Search. <i>Lecture Notes in Computer Science</i> , 2019, , 177-194.	1.0	6
142	A Stochastic Non-CNF SAT Solver. <i>Lecture Notes in Computer Science</i> , 2006, , 120-129.	1.0	6
143	Optimizing Compilation of CHR with Rule Priorities. <i>Lecture Notes in Computer Science</i> , 2008, , 32-47.	1.0	6
144	Reducing Chaos in SAT-Like Search: Finding Solutions Close to a Given One. <i>Lecture Notes in Computer Science</i> , 2011, , 273-286.	1.0	6

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145	Encoding Linear Constraints with Implication Chains to CNF. Lecture Notes in Computer Science, 2015, , 3-11.	1.0	6
146	On the reliability and the limits of inference of amino acid sequence alignments. Bioinformatics, 2022, 38, i255-i263.	1.8	6
147	Solving Partial Order Constraints for LPO Termination. Journal of Satisfiability, Boolean Modeling and Computation, 2008, 5, 193-215.	1.2	5
148	Maximising the Net Present Value of Large Resource-Constrained Projects. Lecture Notes in Computer Science, 2012, , 767-781.	1.0	5
149	Stable model semantics for founded bounds. Theory and Practice of Logic Programming, 2013, 13, 517-532.	1.1	5
150	Toward Computing the Margin of Victory in Single Transferable Vote Elections. INFORMS Journal on Computing, 2019, 31, 636-653.	1.0	5
151	Assertion-Based Approaches to Auditing Complex Elections, with Application to Party-List Proportional Elections. Lecture Notes in Computer Science, 2021, , 47-62.	1.0	5
152	Solving Difference Constraints over Modular Arithmetic. Lecture Notes in Computer Science, 2013, , 215-230.	1.0	5
153	Optimisation Modelling for Software Developers. Lecture Notes in Computer Science, 2012, , 274-289.	1.0	5
154	A practical object-oriented analysis engine for CLP. , 1998, 28, 199-224.		4
155	Fourier Elimination for Compiling Constraint Hierarchies. Constraints, 2002, 7, 199-219.	0.4	4
156	Optimal automatic table layout. , 2011, , .		4
157	A CLP heap solver for test case generation. Theory and Practice of Logic Programming, 2013, 13, 721-735.	1.1	4
158	Propagating Regular Membership with Dashed Strings. Lecture Notes in Computer Science, 2018, , 13-29.	1.0	4
159	Propagating lex, find and replace with Dashed Strings. Lecture Notes in Computer Science, 2018, , 18-34.	1.0	4
160	Wombit: A Portfolio Bit-Vector Solver Using Word-Level Propagation. Journal of Automated Reasoning, 2019, 63, 723-762.	1.1	4
161	Auditing Hamiltonian Elections. Lecture Notes in Computer Science, 2021, , 235-250.	1.0	4
162	Modelling with Option Types in MiniZinc. Lecture Notes in Computer Science, 2014, , 88-103.	1.0	4

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163	Parallelizing Constraint Programming with Learning. Lecture Notes in Computer Science, 2016, , 142-158.	1.0	4
164	A General Implementation Framework for Tabled CLP. Lecture Notes in Computer Science, 2012, , 104-119.	1.0	4
165	Explaining Propagators for s-DNNF Circuits. Lecture Notes in Computer Science, 2012, , 195-210.	1.0	4
166	Orthogonal Hyperedge Routing. Lecture Notes in Computer Science, 2012, , 51-64.	1.0	4
167	There Are No CNF Problems. Lecture Notes in Computer Science, 2013, , 19-21.	1.0	4
168	A complete solution to the Maximum Density Still Life Problem. Artificial Intelligence, 2012, 184-185, 1-16.	3.9	3
169	How precise are reported protein coordinate data?. Acta Crystallographica Section D: Biological Crystallography, 2014, 70, 904-906.	2.5	3
170	Declarative Local-Search Neighbourhoods in MiniZinc. , 2018, , .		3
171	A Fresh Look at Zones and Octagons. ACM Transactions on Programming Languages and Systems, 2021, 43, 1-51.	1.7	3
172	Disjunctive Interval Analysis. Lecture Notes in Computer Science, 2021, , 144-165.	1.0	3
173	Fast optimal and bounded suboptimal Euclidean pathfinding. Artificial Intelligence, 2022, 302, 103624.	3.9	3
174	Inter-instance Nogood Learning in Constraint Programming. Lecture Notes in Computer Science, 2012, , 238-247.	1.0	3
175	Nested Constraint Programs. Lecture Notes in Computer Science, 2014, , 240-255.	1.0	3
176	Exact Approaches to the Multi-agent Collective Construction Problem. Lecture Notes in Computer Science, 2020, , 743-758.	1.0	3
177	Two type extensions for the constraint modeling language MiniZinc. Science of Computer Programming, 2015, 111, 156-189.	1.5	2
178	Statistical Compression of Protein Folding Patterns for Inference of Recurrent Substructural Themes. , 2017, , .		2
179	Sequential Precede Chain for Value Symmetry Elimination. Lecture Notes in Computer Science, 2018, , 144-159.	1.0	2
180	Transformation-Enabled Precondition Inference. Theory and Practice of Logic Programming, 2021, 21, 700-716.	1.1	2

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181	Effective Strictness Analysis with HORN Constraints. Lecture Notes in Computer Science, 2001, , 73-92.	1.0	2
182	Smooth Linear Approximation of Non-overlap Constraints. Lecture Notes in Computer Science, 2008, , 45-59.	1.0	2
183	Modelling Destructive Assignments. Lecture Notes in Computer Science, 2013, , 315-330.	1.0	2
184	Exception analysis for non-strict languages. ACM SIGPLAN Notices, 2002, 37, 98-109.	0.2	2
185	Building Constraint Solvers with HAL. Lecture Notes in Computer Science, 2001, , 90-104.	1.0	2
186	Stochastic MiniZinc. Lecture Notes in Computer Science, 2014, , 636-645.	1.0	2
187	A Benders Decomposition Approach to Deciding Modular Linear Integer Arithmetic. Lecture Notes in Computer Science, 2017, , 380-397.	1.0	2
188	Information-Theoretic Inference of an Optimal Dictionary of Protein Supersecondary Structures. Methods in Molecular Biology, 2019, 1958, 123-131.	0.4	2
189	Dashed Strings and the Replace(-all) Constraint. Lecture Notes in Computer Science, 2020, , 3-20.	1.0	2
190	Title is missing!. Journal of Systems Integration, 1997, 7, 191-230.	0.1	1
191	Checking modes of HAL programs. Theory and Practice of Logic Programming, 2005, 5, 623-667.	1.1	1
192	Propagating dense systems of integer linear equations. , 2007, , .		1
193	Dynamic variable elimination during propagation solving. , 2008, , .		1
194	Finite type extensions in constraint programming. , 2013, , .		1
195	Statistical Inference of Protein "LEGO Bricks". , 2013, , .		1
196	A complete refinement procedure for regular separability of context-free languages. Theoretical Computer Science, 2016, 625, 1-24.	0.5	1
197	Algorithm Selection for Dynamic Symbolic Execution: A Preliminary Study. Lecture Notes in Computer Science, 2021, , 192-209.	1.0	1
198	A practical object-oriented analysis engine for CLP. , 1998, 28, 199.		1

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199	An Introduction to Search Combinators. Lecture Notes in Computer Science, 2013, , 2-16.	1.0	1
200	Loop Untangling. Lecture Notes in Computer Science, 2014, , 340-355.	1.0	1
201	A Bounded Path Propagator on Directed Graphs. Lecture Notes in Computer Science, 2016, , 189-206.	1.0	1
202	Large Neighborhood Search for Temperature Control with Demand Response. Lecture Notes in Computer Science, 2020, , 603-619.	1.0	1
203	Modelling and Solving Online Optimisation Problems. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 1477-1485.	3.6	1
204	Introduction to the Special Issue on Constraints and Databases. Constraints, 1997, 2, 243-243.	0.4	0
205	Improving PARMA trailing. Theory and Practice of Logic Programming, 2006, 6, 609-644.	1.1	0
206	Propagating systems of dense linear integer constraints. Constraints, 2009, 14, 235-253.	0.4	0
207	AI@NICTA. AI Magazine, 2012, 33, 115.	1.4	0
208	Automatic Minimal-Height Table Layout. INFORMS Journal on Computing, 2015, 27, 449-461.	1.0	0
209	Symmetry declarations for MiniZinc. , 2016, , .		0
210	Memoizing a Monadic Mixin DSL. Lecture Notes in Computer Science, 2011, , 68-85.	1.0	0
211	Those Who Cannot Remember the Past Are Condemned to Repeat It. Lecture Notes in Computer Science, 2013, , 5-6.	1.0	0
212	Seeing Around Corners: Fast Orthogonal Connector Routing. Lecture Notes in Computer Science, 2014, , 31-37.	1.0	0
213	Range-Consistent Forbidden Regions of Allen's Relations. Lecture Notes in Computer Science, 2017, , 21-29.	1.0	0
214	Minimizing Landscape Resistance for Habitat Conservation. Lecture Notes in Computer Science, 2017, , 113-130.	1.0	0
215	Dissecting Widening: Separating Termination from Information. Lecture Notes in Computer Science, 2019, , 95-114.	1.0	0
216	Exploring Declarative Local-Search Neighbourhoods with Constraint Programming. Lecture Notes in Computer Science, 2019, , 37-53.	1.0	0

#	ARTICLE	IF	CITATIONS
217	The Argmax Constraint. Lecture Notes in Computer Science, 2020, , 323-337.	1.0	0
218	Theoretical and Experimental Results for Planning with Learned Binarized Neural Network Transition Models. Lecture Notes in Computer Science, 2020, , 917-934.	1.0	0
219	Aggregation and Garbage Collection for Online Optimization. Lecture Notes in Computer Science, 2020, , 231-247.	1.0	0
220	Random Errors Are Not Necessarily Politically Neutral. Lecture Notes in Computer Science, 2020, , 19-35.	1.0	0
221	Solving Satisfaction Problems Using Large-Neighbourhood Search. Lecture Notes in Computer Science, 2020, , 55-71.	1.0	0
222	Shifting the Balance-of-Power in STV Elections. Lecture Notes in Computer Science, 2020, , 1-18.	1.0	0
223	On identifying statistical redundancy at the level of amino acid subsequences. , 2021, , .		0