

# Peter J Stuckey

## List of Publications by Year in descending order

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223  
papers

5,161  
citations

201674

27  
h-index

175258

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.	2.6	615
2	Programming with Constraints. , 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.	4.1	173
5	Propagation via lazy clause generation. <i>Constraints</i> , 2009, 14, 357-391.	0.7	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.	1.7	131
7	The Design of the Zinc Modelling Language. <i>Constraints</i> , 2008, 13, 229-267.	0.7	101
8	Efficient constraint propagation engines. <i>ACM Transactions on Programming Languages and Systems</i> , 2008, 31, 1-43.	2.1	80
9	Solving linear arithmetic constraints for user interface applications. , 1997, , .		69
10	Explaining the cumulative propagator. <i>Constraints</i> , 2011, 16, 250-282.	0.7	66
11	The Refined Operational Semantics of Constraint Handling Rules. <i>Lecture Notes in Computer Science</i> , 2004, , 90-104.	1.3	65
12	The MiniZinc Challenge 2008â€“2013. <i>AI Magazine</i> , 2014, 35, 55-60.	1.6	65
13	Incremental analysis of constraint logic programs. <i>ACM Transactions on Programming Languages and Systems</i> , 2000, 22, 187-223.	2.1	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.	4.9	63
15	Lazy Clause Generation Reengineered. <i>Lecture Notes in Computer Science</i> , 2009, , 352-366.	1.3	60
16	Beyond finite domains. <i>Lecture Notes in Computer Science</i> , 1994, , 86-94.	1.3	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.	5.1	58
18	Understanding functional dependencies via constraint handling rules. <i>Journal of Functional Programming</i> , 2007, 17, 83-129.	0.8	55

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19	Solving RCPSP/max by lazy clause generation. Journal of Scheduling, 2013, 16, 273-289.	1.9	55
20	Short-term planning for open pit mines: a review. International Journal of Mining, Reclamation and Environment, 2019, 33, 318-339.	2.8	54
21	Constraint cascading style sheets for the Web. , 1999, , .		51
22	MUSTANG-MR Structural Sieving Server: Applications in Protein Structural Analysis and Crystallography. PLoS ONE, 2010, 5, e10048.	2.5	47
23	Exploration of Networks using overview+detail with Constraint-based cooperative layout. IEEE Transactions on Visualization and Computer Graphics, 2008, 14, 1293-1300.	4.4	46
24	Interactive type debugging in Haskell. , 2003, , .		45
25	Fast and accurate protein substructure searching with simulated annealing and GPUs. BMC Bioinformatics, 2010, 11, 446.	2.6	41
26	Why Cumulative Decomposition Is Not as Bad as It Sounds. Lecture Notes in Computer Science, 2009, , 746-761.	1.3	38
27	Lock-free parallel dynamic programming. Journal of Parallel and Distributed Computing, 2010, 70, 839-848.	4.1	33
28	Propagation = Lazy Clause Generation. , 2007, , 544-558.		33
29	Structural search and retrieval using a tableau representation of protein folding patterns. Bioinformatics, 2008, 24, 645-651.	4.1	30
30	Mixed-integer linear programming and constraint programming formulations for solving resource availability cost problems. European Journal of Operational Research, 2018, 266, 472-486.	5.7	29
31	Improving Linear Constraint Propagation by Changing Constraint Representation. Constraints, 2003, 8, 173-207.	0.7	28
32	Removing Node Overlapping in Graph Layout Using Constrained Optimization. Constraints, 2003, 8, 143-171.	0.7	28
33	Solving Talent Scheduling with Dynamic Programming. INFORMS Journal on Computing, 2011, 23, 120-137.	1.7	28
34	Branch-and-Cut-and-Price for Multi-Agent Pathfinding. , 2019, , .		27
35	Monadic constraint programming. Journal of Functional Programming, 2009, 19, 663-697.	0.8	26
36	Improving type error diagnosis. , 2004, , .		25

#	ARTICLE	IF	CITATIONS
37	Philosophy of the MiniZinc challenge. Constraints, 2010, 15, 307-316.	0.7	25
38	Pairwise symmetry reasoning for multi-agent path finding search. Artificial Intelligence, 2021, 301, 103574.	5.8	25
39	Encodings of the Sequence Constraint. , 2007, , 210-224.		25
40	Synthesizing Optimal Switching Lattices. ACM Transactions on Design Automation of Electronic Systems, 2014, 20, 1-14.	2.6	23
41	A Decomposition-Based Algorithm for the Scheduling of Open-Pit Networks Over Multiple Time Periods. Management Science, 2016, 62, 3059-3084.	4.1	23
42	An Overview of HAL. Lecture Notes in Computer Science, 1999, , 174-188.	1.3	23
43	Explaining Time-Table-Edge-Finding Propagation for the Cumulative Resource Constraint. Lecture Notes in Computer Science, 2013, , 234-250.	1.3	23
44	Branch-and-cut-and-price for the Electric Vehicle Routing Problem with Time Windows, Piecewise-Linear Recharging and Capacitated Recharging Stations. Computers and Operations Research, 2022, 145, 105870.	4.0	23
45	Dynamic Programming to Minimize the Maximum Number of Open Stacks. INFORMS Journal on Computing, 2007, 19, 607-617.	1.7	22
46	Minimum Cardinality Matrix Decomposition into Consecutive-Ones Matrices: CP and IP Approaches. Lecture Notes in Computer Science, 2007, , 1-15.	1.3	22
47	Logic programming with satisfiability. Theory and Practice of Logic Programming, 2008, 8, 121-128.	1.5	21
48	Optimizing compilation of constraint handling rules in HAL. Theory and Practice of Logic Programming, 2005, 5, 503-531.	1.5	20
49	Incremental Satisfiability and Implication for UTVPI Constraints. INFORMS Journal on Computing, 2010, 22, 514-527.	1.7	20
50	Combining String Abstract Domains for JavaScript Analysis: An Evaluation. Lecture Notes in Computer Science, 2017, , 41-57.	1.3	20
51	Search combinators. Constraints, 2013, 18, 269-305.	0.7	19
52	Using constraint programming for solving RCPSP/max-cal. Constraints, 2017, 22, 432-462.	0.7	19
53	Short-term scheduling of an open-pit mine with multiple objectives. Engineering Optimization, 2017, 49, 777-795.	2.6	19
54	Maximising the Net Present Value for Resource-Constrained Project Scheduling. Lecture Notes in Computer Science, 2012, , 362-378.	1.3	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.	4.9	19
56	Dantzig-Wolfe decomposition and branch-and-price solving in G12. Constraints, 2011, 16, 77-99.	0.7	18
57	A Decomposition-Based Heuristic for Collaborative Scheduling in a Network of Open-Pit Mines. INFORMS Journal on Computing, 2014, 26, 658-676.	1.7	18
58	Statistical inference of protein structural alignments using information and compression. Bioinformatics, 2017, 33, 1005-1013.	4.1	18
59	Core-Boosted Linear Search for Incomplete MaxSAT. Lecture Notes in Computer Science, 2019, , 39-56.	1.3	18
60	Logistics optimization for a coal supply chain. Journal of Heuristics, 2020, 26, 269-300.	1.4	18
61	Improved Linearization of Constraint Programming Models. Lecture Notes in Computer Science, 2016, , 49-65.	1.3	18
62	Context-Sensitive Dynamic Partial Order Reduction. Lecture Notes in Computer Science, 2017, , 526-543.	1.3	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.	0.7	17
65	Orthogonal Connector Routing. Lecture Notes in Computer Science, 2010, , 219-231.	1.3	17
66	MiniZinc with Functions. Lecture Notes in Computer Science, 2013, , 268-283.	1.3	17
67	IMPROVING EVOLUTIONARY ALGORITHMS FOR EFFICIENT CONSTRAINT SATISFACTION. International Journal on Artificial Intelligence Tools, 1999, 08, 363-383.	1.0	16
68	Efficient Intelligent Backtracking Using Linear Programming. INFORMS Journal on Computing, 2002, 14, 373-386.	1.7	16
69	Explaining circuit propagation. Constraints, 2014, 19, 1-29.	0.7	16
70	The G12 Project: Mapping Solver Independent Models to Efficient Solutions. Lecture Notes in Computer Science, 2005, , 9-13.	1.3	16
71	Signedness-Agnostic Program Analysis: Precise Integer Bounds for Low-Level Code. Lecture Notes in Computer Science, 2012, , 115-130.	1.3	16
72	MIRAGAA—a methodology for finding coordinated effects of microRNA expression changes and genome aberrations in cancer. Bioinformatics, 2010, 26, 161-167.	4.1	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.	1.5	15
74	A Model for Inter-module Analysis and Optimizing Compilation. Lecture Notes in Computer Science, 2001, , 86-102.	1.3	15
75	Half Reification and Flattening. Lecture Notes in Computer Science, 2011, , 286-301.	1.3	15
76	Abstract Interpretation over Non-lattice Abstract Domains. Lecture Notes in Computer Science, 2013, , 6-24.	1.3	15
77	Projecting CLPR constraints. New Generation Computing, 1993, 11, 449-469.	3.3	14
78	Incremental Connector Routing. Lecture Notes in Computer Science, 2006, , 446-457.	1.3	14
79	Learning Value Heuristics for Constraint Programming. Lecture Notes in Computer Science, 2015, , 108-123.	1.3	14
80	Conflict Directed Lazy Decomposition. Lecture Notes in Computer Science, 2012, , 70-85.	1.3	14
81	Unbounded Model-Checking with Interpolation for Regular Language Constraints. Lecture Notes in Computer Science, 2013, , 277-291.	1.3	14
82	CP and IP approaches to cancer radiotherapy delivery optimization. Constraints, 2011, 16, 173-194.	0.7	13
83	Symmetries, almost symmetries, and lazy clause generation. Constraints, 2014, 19, 434-462.	0.7	13
84	Optimal Sankey Diagrams Via Integer Programming. , 2018, , .		13
85	ACD Term Rewriting. Lecture Notes in Computer Science, 2006, , 117-131.	1.3	13
86	Encoding Linear Constraints into SAT. Lecture Notes in Computer Science, 2014, , 75-91.	1.3	13
87	A Novel Approach to String Constraint Solving. Lecture Notes in Computer Science, 2017, , 3-20.	1.3	13
88	HM(X) type inference is CLP(X) solving. Journal of Functional Programming, 2008, 18, .	0.8	12
89	Tableau-based protein substructure search using quadratic programming. BMC Bioinformatics, 2009, 10, 153.	2.6	12
90	Discovery and analysis of consistent active sub-networks in cancers. BMC Bioinformatics, 2013, 14, S7.	2.6	12

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91	Interval Analysis and Machine Arithmetic. ACM Transactions on Programming Languages and Systems, 2015, 37, 1-35.	2.1	12
92	The future of optimization technology. Constraints, 2014, 19, 126-138.	0.7	11
93	Local Search for a Cargo Assembly Planning Problem. Lecture Notes in Computer Science, 2014, , 159-175.	1.3	11
94	Sequential Time Splitting and Bounds Communication for a Portfolio of Optimization Solvers. Lecture Notes in Computer Science, 2014, , 108-124.	1.3	11
95	Optimal k-Level Planarization and Crossing Minimization. Lecture Notes in Computer Science, 2011, , 238-249.	1.3	11
96	Optimal Carpet Cutting. Lecture Notes in Computer Science, 2011, , 69-84.	1.3	11
97	Scheduling Optional Tasks with Explanation. Lecture Notes in Computer Science, 2013, , 628-644.	1.3	11
98	Fast Node Overlap Removal – 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.	1.3	10
100	To the Gates of HAL: A HAL Tutorial. Lecture Notes in Computer Science, 2002, , 47-66.	1.3	10
101	Ballot-Polling Risk Limiting Audits for IRV Elections. Lecture Notes in Computer Science, 2018, , 17-34.	1.3	10
102	To Encode or to Propagate? The Best Choice for Each Constraint in SAT. Lecture Notes in Computer Science, 2013, , 97-106.	1.3	10
103	Piecewise linear approximation of protein structures using the principle of minimum message length. Bioinformatics, 2011, 27, i43-i51.	4.1	9
104	Universal Architectural Concepts Underlying Protein Folding Patterns. Frontiers in Molecular Biosciences, 2020, 7, 612920.	3.5	9
105	MiniZinc with Strings. Lecture Notes in Computer Science, 2017, , 59-75.	1.3	9
106	Boolean Equi-propagation for Optimized SAT Encoding. Lecture Notes in Computer Science, 2011, , 621-636.	1.3	9
107	Branch-and-cut-and-price for multi-agent path finding. Computers and Operations Research, 2022, 144, 105809.	4.0	9
108	Optimizing compilation of CLP( $\hat{=}$ ). ACM Transactions on Programming Languages and Systems, 1998, 20, 1223-1250.	2.1	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.	1.3	8
112	An iterative approach to precondition inference using constrained Horn clauses. Theory and Practice of Logic Programming, 2018, 18, 553-570.	1.5	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.	1.3	8
114	Solver Independent Rotating Workforce Scheduling. Lecture Notes in Computer Science, 2018, , 429-445.	1.3	8
115	Constraints for symmetry breaking in graph representation. Constraints, 2019, 24, 1-24.	0.7	8
116	Nutmeg: a MIP and CP Hybrid Solver Using Branch-and-Check. SN Operations Research Forum, 2020, 1, 1.	1.0	8
117	A Framework for Analysis of Typed Logic Programs. Lecture Notes in Computer Science, 2001, , 296-310.	1.3	8
118	Core-Guided and Core-Boosted Search for CP. Lecture Notes in Computer Science, 2020, , 205-221.	1.3	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.	1.3	8
121	Boolean Constraints for Binding-Time Analysis. Lecture Notes in Computer Science, 2001, , 39-62.	1.3	8
122	A Hybrid BDD and SAT Finite Domain Constraint Solver. Lecture Notes in Computer Science, 2005, , 103-117.	1.3	7
123	Optimal guillotine layout. , 2012, , .		7
124	Exploiting subproblem dominance in constraint programming. Constraints, 2012, 17, 1-38.	0.7	7
125	Failure tabled constraint logic programming by interpolation. Theory and Practice of Logic Programming, 2013, 13, 593-607.	1.5	7
126	Dominance breaking constraints. Constraints, 2015, 20, 155-182.	0.7	7



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127	Multi-objective short-term production scheduling for open-pit mines: a hierarchical decomposition-based algorithm. Engineering Optimization, 2018, 50, 2143-2160.	2.6	7
128	Compiling CP subproblems to MDDs and d-DNNFs. Constraints, 2019, 24, 56-93.	0.7	7
129	Computing the Margin of Victory in Preferential Parliamentary Elections. Lecture Notes in Computer Science, 2018, , 1-16.	1.3	7
130	Modeling and Solving Project Scheduling with Calendars. Lecture Notes in Computer Science, 2015, , 262-278.	1.3	7
131	Flexible, Rule-Based Constraint Model Linearisation. , 2008, , 68-83.		7
132	Cadmium: An Implementation of ACD Term Rewriting. Lecture Notes in Computer Science, 2008, , 531-545.	1.3	7
133	Search Combinators. Lecture Notes in Computer Science, 2011, , 774-788.	1.3	7
134	A Generic Method for Identifying and Exploiting Dominance Relations. Lecture Notes in Computer Science, 2012, , 6-22.	1.3	7
135	A Generic Framework for Context-Sensitive Analysis of Modular Programs. Lecture Notes in Computer Science, 2004, , 233-260.	1.3	6
136	Constraint Logic Programming. Foundations of Artificial Intelligence, 2006, , 409-452.	0.9	6
137	The island confinement method for reducing search space in local search methods. Journal of Heuristics, 2007, 13, 557-585.	1.4	6
138	Exact and Heuristic Methods for the Resource-Constrained Net Present Value Problem. , 2015, , 299-318.		6
139	Solver-Independent Large Neighbourhood Search. Lecture Notes in Computer Science, 2018, , 81-98.	1.3	6
140	Constraint Programming for Dynamic Symbolic Execution of JavaScript. Lecture Notes in Computer Science, 2019, , 1-19.	1.3	6
141	Techniques Inspired by Local Search for Incomplete MaxSAT and the Linear Algorithm: Varying Resolution and Solution-Guided Search. Lecture Notes in Computer Science, 2019, , 177-194.	1.3	6
142	A Stochastic Non-CNF SAT Solver. Lecture Notes in Computer Science, 2006, , 120-129.	1.3	6
143	Optimizing Compilation of CHR with Rule Priorities. Lecture Notes in Computer Science, 2008, , 32-47.	1.3	6
144	Reducing Chaos in SAT-Like Search: Finding Solutions Close to a Given One. Lecture Notes in Computer Science, 2011, , 273-286.	1.3	6

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145	Encoding Linear Constraints with Implication Chains to CNF. Lecture Notes in Computer Science, 2015, , 3-11.	1.3	6
146	On the reliability and the limits of inference of amino acid sequence alignments. Bioinformatics, 2022, 38, i255-i263.	4.1	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.	1.3	5
149	Stable model semantics for founded bounds. Theory and Practice of Logic Programming, 2013, 13, 517-532.	1.5	5
150	Toward Computing the Margin of Victory in Single Transferable Vote Elections. INFORMS Journal on Computing, 2019, 31, 636-653.	1.7	5
151	Assertion-Based Approaches to Auditing Complex Elections, with Application to Party-List Proportional Elections. Lecture Notes in Computer Science, 2021, , 47-62.	1.3	5
152	Solving Difference Constraints over Modular Arithmetic. Lecture Notes in Computer Science, 2013, , 215-230.	1.3	5
153	Optimisation Modelling for Software Developers. Lecture Notes in Computer Science, 2012, , 274-289.	1.3	5
154	A practical object-oriented analysis engine for CLP. Software - Practice and Experience, 1998, 28, 199-224.	3.6	4
155	Fourier Elimination for Compiling Constraint Hierarchies. Constraints, 2002, 7, 199-219.	0.7	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.	1.5	4
158	Propagating Regular Membership with Dashed Strings. Lecture Notes in Computer Science, 2018, , 13-29.	1.3	4
159	Propagating lex, find and replace with Dashed Strings. Lecture Notes in Computer Science, 2018, , 18-34.	1.3	4
160	Wombit: A Portfolio Bit-Vector Solver Using Word-Level Propagation. Journal of Automated Reasoning, 2019, 63, 723-762.	1.4	4
161	Auditing Hamiltonian Elections. Lecture Notes in Computer Science, 2021, , 235-250.	1.3	4
162	Modelling with Option Types in MiniZinc. Lecture Notes in Computer Science, 2014, , 88-103.	1.3	4

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163	Parallelizing Constraint Programming with Learning. Lecture Notes in Computer Science, 2016, , 142-158.	1.3	4
164	A General Implementation Framework for Tabled CLP. Lecture Notes in Computer Science, 2012, , 104-119.	1.3	4
165	Explaining Propagators for s-DNNF Circuits. Lecture Notes in Computer Science, 2012, , 195-210.	1.3	4
166	Orthogonal Hyperedge Routing. Lecture Notes in Computer Science, 2012, , 51-64.	1.3	4
167	There Are No CNF Problems. Lecture Notes in Computer Science, 2013, , 19-21.	1.3	4
168	A complete solution to the Maximum Density Still Life Problem. Artificial Intelligence, 2012, 184-185, 1-16.	5.8	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.	2.1	3
172	Disjunctive Interval Analysis. Lecture Notes in Computer Science, 2021, , 144-165.	1.3	3
173	Fast optimal and bounded suboptimal Euclidean pathfinding. Artificial Intelligence, 2022, 302, 103624.	5.8	3
174	Inter-instance Nogood Learning in Constraint Programming. Lecture Notes in Computer Science, 2012, , 238-247.	1.3	3
175	Nested Constraint Programs. Lecture Notes in Computer Science, 2014, , 240-255.	1.3	3
176	Exact Approaches to the Multi-agent Collective Construction Problem. Lecture Notes in Computer Science, 2020, , 743-758.	1.3	3
177	Two type extensions for the constraint modeling language MiniZinc. Science of Computer Programming, 2015, 111, 156-189.	1.9	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.	1.3	2
180	Transformation-Enabled Precondition Inference. Theory and Practice of Logic Programming, 2021, 21, 700-716.	1.5	2

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181	Effective Strictness Analysis with HORN Constraints. Lecture Notes in Computer Science, 2001, , 73-92.	1.3	2
182	Smooth Linear Approximation of Non-overlap Constraints. Lecture Notes in Computer Science, 2008, , 45-59.	1.3	2
183	Modelling Destructive Assignments. Lecture Notes in Computer Science, 2013, , 315-330.	1.3	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.	1.3	2
186	Stochastic MiniZinc. Lecture Notes in Computer Science, 2014, , 636-645.	1.3	2
187	A Benders Decomposition Approach to Deciding Modular Linear Integer Arithmetic. Lecture Notes in Computer Science, 2017, , 380-397.	1.3	2
188	Information-Theoretic Inference of an Optimal Dictionary of Protein Supersecondary Structures. Methods in Molecular Biology, 2019, 1958, 123-131.	0.9	2
189	Dashed Strings and the Replace(-all) Constraint. Lecture Notes in Computer Science, 2020, , 3-20.	1.3	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.	1.5	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.	0.9	1
197	Algorithm Selection for Dynamic Symbolic Execution: A Preliminary Study. Lecture Notes in Computer Science, 2021, , 192-209.	1.3	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.	1.3	1
200	Loop Untangling. Lecture Notes in Computer Science, 2014, , 340-355.	1.3	1
201	A Bounded Path Propagator on Directed Graphs. Lecture Notes in Computer Science, 2016, , 189-206.	1.3	1
202	Large Neighborhood Search for Temperature Control with Demand Response. Lecture Notes in Computer Science, 2020, , 603-619.	1.3	1
203	Modelling and Solving Online Optimisation Problems. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 1477-1485.	4.9	1
204	Introduction to the Special Issue on Constraints and Databases. Constraints, 1997, 2, 243-243.	0.7	0
205	Improving PARMA trailing. Theory and Practice of Logic Programming, 2006, 6, 609-644.	1.5	0
206	Propagating systems of dense linear integer constraints. Constraints, 2009, 14, 235-253.	0.7	0
207	AI@NICTA. AI Magazine, 2012, 33, 115.	1.6	0
208	Automatic Minimal-Height Table Layout. INFORMS Journal on Computing, 2015, 27, 449-461.	1.7	0
209	Symmetry declarations for MiniZinc. , 2016, , .		0
210	Memoizing a Monadic Mixin DSL. Lecture Notes in Computer Science, 2011, , 68-85.	1.3	0
211	Those Who Cannot Remember the Past Are Condemned to Repeat It. Lecture Notes in Computer Science, 2013, , 5-6.	1.3	0
212	Seeing Around Corners: Fast Orthogonal Connector Routing. Lecture Notes in Computer Science, 2014, , 31-37.	1.3	0
213	Range-Consistent Forbidden Regions of Allen's Relations. Lecture Notes in Computer Science, 2017, , 21-29.	1.3	0
214	Minimizing Landscape Resistance for Habitat Conservation. Lecture Notes in Computer Science, 2017, , 113-130.	1.3	0
215	Dissecting Widening: Separating Termination from Information. Lecture Notes in Computer Science, 2019, , 95-114.	1.3	0
216	Exploring Declarative Local-Search Neighbourhoods with Constraint Programming. Lecture Notes in Computer Science, 2019, , 37-53.	1.3	0

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217	The Argmax Constraint. Lecture Notes in Computer Science, 2020, , 323-337.	1.3	0
218	Theoretical and Experimental Results for Planning with Learned Binarized Neural Network Transition Models. Lecture Notes in Computer Science, 2020, , 917-934.	1.3	0
219	Aggregation and Garbage Collection for Online Optimization. Lecture Notes in Computer Science, 2020, , 231-247.	1.3	0
220	Random Errors Are Not Necessarily Politically Neutral. Lecture Notes in Computer Science, 2020, , 19-35.	1.3	0
221	Solving Satisfaction Problems Using Large-Neighbourhood Search. Lecture Notes in Computer Science, 2020, , 55-71.	1.3	0
222	Shifting the Balance-of-Power in STV Elections. Lecture Notes in Computer Science, 2020, , 1-18.	1.3	0
223	On identifying statistical redundancy at the level of amino acid subsequences. , 2021, , .		0