Helmut Simonis

List of Publications by Year
in descending order

29 papers	604 citations	12 h-index	24 g-index
31 all docs	31 docs citations	31 times ranked	290 citing authors

759233

610901

#	Article	IF	Citations
1	Constraint satisfaction using constraint logic programming. Artificial Intelligence, 1992, 58, 113-159.	5.8	114
2	Solving large combinatorial problems in logic programming. The Journal of Logic Programming, 1990, 8, 75-93.	1.7	110
3	Embedding boolean expressions into logic programming. Journal of Symbolic Computation, 1987, 4, 191-205.	0.8	90
4	A Model Seeker: Extracting Global Constraint Models from Positive Examples. Lecture Notes in Computer Science, 2012, , 141-157.	1.3	48
5	Comparing Solution Methods for the Machine Reassignment Problem. Lecture Notes in Computer Science, 2012, , 782-797.	1.3	42
6	A Constraint Seeker: Finding and Ranking Global Constraints from Examples. Lecture Notes in Computer Science, 2011, , 12-26.	1.3	25
7	Modelling producer/consumer constraints. Lecture Notes in Computer Science, 1995, , 449-462.	1.3	22
8	Using finite transducers for describing and synthesising structural time-series constraints. Constraints, 2016, 21, 22-40.	0.7	16
9	Analyzing the impact of electricity price forecasting on energy cost-aware scheduling. Sustainable Computing: Informatics and Systems, 2014, 4, 276-291.	2.2	14
10	Constraint Applications in Networks. Foundations of Artificial Intelligence, 2006, 2, 875-903.	0.9	13
11	Models for Global Constraint Applications. Constraints, 2007, 12, 63-92.	0.7	13
12	Search-Tree Visualisation. Lecture Notes in Computer Science, 2000, , 191-208.	1.3	12
13	A Generic Visualization Platform for CP. Lecture Notes in Computer Science, 2010, , 460-474.	1.3	11
14	Describing and Generating Solutions for the EDF Unit Commitment Problem with the ModelSeeker. Lecture Notes in Computer Science, 2013, , 733-748.	1.3	11
15	Time-Series Constraints: Improvements and Application in CP and MIP Contexts. Lecture Notes in Computer Science, 2016, , 18-34.	1.3	10
16	Complex Constraint Abstraction: Global Constraint Visualisation. Lecture Notes in Computer Science, 2000, , 299-317.	1.3	7
17	Properties of Energy-Price Forecasts for Scheduling. Lecture Notes in Computer Science, 2012, , 957-972.	1.3	7
18	Building Industrial Applications with Constraint Programming. Lecture Notes in Computer Science, 2001, , 271-309.	1.3	6

#	ARTICLE	IF	CITATIONS
19	ModelSeeker: Extracting Global Constraint Models from Positive Examples. Lecture Notes in Computer Science, 2016, , 77-95.	1.3	4
20	A multi-objective supplier selection framework based on user-preferences. Annals of Operations Research, 2022, 308, 609-640.	4.1	4
21	Partial symmetry breaking by local search in the group. Constraints, 2012, 17, 148-171.	0.7	3
22	Toward sustainable development in constraint programming. Constraints, 2014, 19, 139-149.	0.7	3
23	Deriving generic bounds for time-series constraints based on regular expressions characteristics. Constraints, 2018, 23, 44-86.	0.7	3
24	Generating Linear Invariants for a Conjunction of Automata Constraints. Lecture Notes in Computer Science, 2017, , 21-37.	1.3	3
25	Invariants for time-series constraints. Constraints, 2020, 25, 71-120.	0.7	1
26	Application development with the CHIP system. Lecture Notes in Computer Science, 1996, , 1-21.	1.3	1
27	among Implied Constraints for Two Families of Time-Series Constraints. Lecture Notes in Computer Science, 2017, , 38-54.	1.3	1
28	Multicriteria Reasoning Considering Reliability or Availability. , 2010, , .		0
29	Parameterised Bounds on the Sum ofÂVariables in Time-Series Constraints. Lecture Notes in Computer Science, 2020, , 82-98.	1.3	0