

Francisco Javier Larrosa Bondia

List of Publications by Year in descending order

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37
docs citations

37
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369
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards a Better Understanding of (Partial Weighted) MaxSAT Proof Systems. Lecture Notes in Computer Science, 2020, , 218-232.	1.3	8
2	Augmenting the Power of (Partial) MaxSat Resolution with Extension. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 1561-1568.	4.9	6
3	Subproblem ordering heuristics for AND/OR best-first search. Journal of Computer and System Sciences, 2018, 94, 41-62.	1.2	2
4	Local arc consistency for non-invertible semirings, with an application to multi-objective optimization. Expert Systems With Applications, 2012, 39, 1708-1717.	7.6	3
5	A Framework for Certified Boolean Branch-and-Bound Optimization. Journal of Automated Reasoning, 2011, 46, 81-102.	1.4	10
6	Semiring-Induced Propositional Logic: Definition and Basic Algorithms. Lecture Notes in Computer Science, 2010, , 332-347.	1.3	1
7	Extending Soft Arc Consistency Algorithms to Non-invertible Semirings. Lecture Notes in Computer Science, 2010, , 386-398.	1.3	1
8	Branch and Bound for Boolean Optimization and the Generation of Optimality Certificates. Lecture Notes in Computer Science, 2009, , 453-466.	1.3	4
9	A logical approach to efficient Max-SAT solving. Artificial Intelligence, 2008, 172, 204-233.	5.8	62
10	2006 and 2007 Max-SAT Evaluations: Contributed Instances. Journal of Satisfiability, Boolean Modeling and Computation, 2008, 4, 239-250.	1.2	13
11	A Max-SAT Inference-Based Pre-processing for Max-Clique. , 2008, , 139-152.		4
12	A Soft Approach to Multi-objective Optimization. Lecture Notes in Computer Science, 2008, , 764-768.	1.3	6
13	MiniMaxSat: A New Weighted Max-SAT Solver. , 2007, , 41-55.		34
14	Bucket elimination for multiobjective optimization problems. Journal of Heuristics, 2006, 12, 307-328.	1.4	42
15	Intelligent variable orderings and re-orderings in DAC-based solvers for WCSP. Journal of Heuristics, 2006, 12, 287-306.	1.4	8
16	Unifying tree decompositions for reasoning in graphical models. Artificial Intelligence, 2005, 166, 165-193.	5.8	51
17	Tree Decomposition with Function Filtering. Lecture Notes in Computer Science, 2005, , 593-606.	1.3	2
18	Solving weighted CSP by maintaining arc consistency. Artificial Intelligence, 2004, 159, 1-26.	5.8	112

#	ARTICLE	IF	CITATIONS
19	Improving the Applicability of Adaptive Consistency: Preliminary Results. Lecture Notes in Computer Science, 2004, , 757-761.	1.3	1
20	Title is missing!. Constraints, 2003, 8, 303-326.	0.7	35
21	Solving Max-SAT as Weighted CSP. Lecture Notes in Computer Science, 2003, , 363-376.	1.3	43
22	Solving "Still Life"™ with Soft Constraints and Bucket Elimination. Lecture Notes in Computer Science, 2003, , 466-479.	1.3	6
23	Constraint satisfaction algorithms for graph pattern matching. Mathematical Structures in Computer Science, 2002, 12, 403-422.	0.6	92
24	On forward checking for non-binary constraint satisfaction. Artificial Intelligence, 2002, 141, 205-224.	5.8	44
25	Partition-Based Lower Bound for Max-CSP. Constraints, 2002, 7, 407-419.	0.7	8
26	Lower Bounds for Non-binary Constraint Optimization Problems. Lecture Notes in Computer Science, 2001, , 317-331.	1.3	6
27	A General Scheme for Multiple Lower Bound Computation in Constraint Optimization. Lecture Notes in Computer Science, 2001, , 346-360.	1.3	11
28	Partition-Based Lower Bound for Max-CSP. Lecture Notes in Computer Science, 1999, , 303-315.	1.3	16
29	Maintaining reversible DAC for Max-CSP. Artificial Intelligence, 1999, 107, 149-163.	5.8	59
30	Exploiting the use of DAC in MAX-CSP. Lecture Notes in Computer Science, 1996, , 308-322.	1.3	24
31	Non-monotonic characterization of induction and its application to inductive learning. International Journal of Intelligent Systems, 1995, 10, 895-927.	5.7	1
32	A Framework for Abductive Rule Formation. AI Communications, 1995, 8, 91-100.	1.2	0
33	Proof Complexity for the Maximum Satisfiability Problem and its Use in SAT Refutations. Journal of Logic and Computation, 0, , .	0.8	0