Christine Solnon

List of Publications by Year
in descending order

34 papers	918 citations	566801 15 h-index	500791 28 g-index
38 all docs	38 docs citations	38 times ranked	603 citing authors

#	ARTICLE	IF	CITATIONS
1	The car sequencing problem: Overview of state-of-the-art methods and industrial case-study of the ROADEFâ€™2005 challenge problem. European Journal of Operational Research, 2008, 191, 912-927.	3.5	170
2	Ant Colony Optimization for Multi-Objective Optimization Problems. , 2007, , .		120
3	AllDifferent-based filtering for subgraph isomorphism. Artificial Intelligence, 2010, 174, 850-864.	3.9	116
4	A study of ACO capabilities for solving the maximum clique problem. Journal of Heuristics, 2006, 12, 155-180.	1.1	74
5	Solving subgraph isomorphism problems with constraint programming. Constraints, 2010, 15, 327-353.	0.4	61
6	Combining two pheromone structures for solving the car sequencing problem with Ant Colony Optimization. European Journal of Operational Research, 2008, 191, 1043-1055.	3.5	40
7	Searching for Maximum Cliques with Ant Colony Optimization. Lecture Notes in Computer Science, 2003, , 236-245.	1.0	35
8	Polynomial algorithms for subisomorphism of nD open combinatorial maps. Computer Vision and Image Understanding, 2011, 115, 996-1010.	3.0	24
9	Revisiting AES related-key differential attacks with constraint programming. Information Processing Letters, 2018, 139, 24-29.	0.4	21
10	Portfolios of Subgraph Isomorphism Algorithms. Lecture Notes in Computer Science, 2016, , 107-122.	1.0	19
11	A parametric filtering algorithm for the graph isomorphism problem. Constraints, 2008, 13, 518-537.	0.4	18
12	Integration of ACO in a Constraint Programming Language. Lecture Notes in Computer Science, 2008, , 84-95.	1.0	18
13	On the complexity of submap isomorphism and maximum common submap problems. Pattern Recognition, 2015, 48, 302-316.	5.1	17
14	On the subgraph epimorphism problem. Discrete Applied Mathematics, 2014, 162, 214-228.	0.5	16
15	A Comparative Study of Ant Colony Optimization and Reactive Search for Graph Matching Problems. Lecture Notes in Computer Science, 2006, , 234-246.	1.0	16
16	An ACO-Based Reactive Framework for Ant Colony Optimization: First Experiments on Constraint Satisfaction Problems. Lecture Notes in Computer Science, 2009, , 119-133.	1.0	16
17	Computing AES related-key differential characteristics with constraint programming. Artificial Intelligence, 2020, 278, 103183.	3.9	12
18	A Polynomial Algorithm for Submap Isomorphism. Lecture Notes in Computer Science, 2009, , 102-112.	1.0	12

#	ARTICLE	IF	CITATIONS
19	Experimental Evaluation of Subgraph Isomorphism Solvers. Lecture Notes in Computer Science, 2019, , 1-13.	1.0	11
20	A Global Constraint for Graph Isomorphism Problems. Lecture Notes in Computer Science, 2004, , 287-301.	1.0	11
21	CP Models for Maximum Common Subgraph Problems. Lecture Notes in Computer Science, 2011, , 637-644.	1.0	10
22	Strong Combination of Ant Colony Optimization with Constraint Programming Optimization. Lecture Notes in Computer Science, 2010, , 232-245.	1.0	9
23	From maximum common submaps to edit distances of generalized maps. Pattern Recognition Letters, 2012, 33, 2020-2028.	2.6	9
24	CP with ACO. , 2008, , 328-332.		9
25	Filtering for Subgraph Isomorphism. , 2007, , 728-742.		9
26	Clique and Constraint Models for Maximum Common (Connected) Subgraph Problems. Lecture Notes in Computer Science, 2016, , 350-368.	1.0	8
27	Meta-heuristics and Artificial Intelligence. , 2020, , 27-52.		8
28	Polynomial algorithms for open plane graph and subgraph isomorphisms. Theoretical Computer Science, 2013, 498, 76-99.	0.5	7
29	Constraint-Based Graph Matching. Lecture Notes in Computer Science, 2009, , 274-288.	1.0	3
30	Map Edit Distance vs. Graph Edit Distance for Matching Images. Lecture Notes in Computer Science, 2013, , 152-161.	1.0	3
31	A Comparison of Decomposition Methods for the Maximum Common Subgraph Problem. , 2015, , .		2
32	Observations from Parallelising Three Maximum Common (Connected) Subgraph Algorithms. Lecture Notes in Computer Science, 2018, , 298-315.	1.0	2
33	Castor: A Constraint-Based SPARQL Engine with Active Filter Processing. Lecture Notes in Computer Science, 2012, , 391-405.	1.0	1
34	2D Topological Map Isomorphism for Multi-Label Simple Transformation Definition. Lecture Notes in Computer Science, 2014, , 39-50.	1.0	0