Ioan Todinca

List of Publications by Year
in descending order

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33	591	933447	642732
papers	citations	10 h-index	23 g-index

37	37	37	162
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Treewidth and Minimum Fill-in: Grouping the Minimal Separators. SIAM Journal on Computing, 2001, 31, 212-232.	1.0	138
2	Listing all potential maximal cliques of a graph. Theoretical Computer Science, 2002, 276, 17-32.	0.9	85
3	Large Induced Subgraphs via Triangulations and CMSO. SIAM Journal on Computing, 2015, 44, 54-87.	1.0	70
4	Exact Algorithms for Treewidth and Minimum Fill-In. SIAM Journal on Computing, 2008, 38, 1058-1079.	1.0	53
5	Exact (Exponential) Algorithms for Treewidth and Minimum Fill-In. Lecture Notes in Computer Science, 2004, , 568-580.	1.3	42
6	Adding a Referee to an Interconnection Network: What Can(not) Be Computed in One Round. , 2011, , .		20
7	Algorithms Parameterized by Vertex Cover and Modular Width, Through Potential Maximal Cliques. Algorithmica, 2018, 80, 1146-1169.	1.3	12
8	Minimal Interval Completions. Lecture Notes in Computer Science, 2005, , 403-414.	1.3	12
9	Exact Algorithm for the Maximum Induced Planar Subgraph Problem. Lecture Notes in Computer Science, 2011, , 287-298.	1.3	12
10	Distributed Testing of Excluded Subgraphs. Lecture Notes in Computer Science, 2016, , 342-356.	1.3	12
11	Exponential time algorithms for the minimum dominating set problem on some graph classes. ACM Transactions on Algorithms, 2009, 6, 1-21.	1.0	11
12	Minimal proper interval completions. Information Processing Letters, 2008, 106, 195-202.	0.6	10
13	Characterizing Minimal Interval Completions. , 2007, , 236-247.		10
14	Computing branchwidth via efficient triangulations and blocks. Discrete Applied Mathematics, 2009, 157, 2726-2736.	0.9	9
15	An<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"><mml:mi mathvariant="script">O</mml:mi><mml:mrow><mml:mo>(</mml:mo><mml:msup><mml:mrow><mml:mi>n</mml:mi></mml:mrow><mml:mrow><mml:mi>ω</mml:mi></mml:mrow></mml:msup><mml:mo>)</mml:mo></mml:mrow></mml:math> algorithm for the minimal interval completion problem. Theoretical Computer Science, 2013, 494, 75-85.	0.9	8
16	Allowing each node to communicate only once in a distributed system: shared whiteboard models. Distributed Computing, 2015, 28, 189-200.	0.8	8
17	On Distance-d Independent Set and Other Problems in Graphs with â€œfewâ€•Minimal Separators. Lecture Notes in Computer Science, 2016, , 183-194.	1.3	7
18	Compact Distributed Certification of Planar Graphs. Algorithmica, 2021, 83, 2215-2244.	1.3	7

#	Article	IF	Citations
19	Algorithms Parameterized by Vertex Cover and Modular Width, through Potential Maximal Cliques. Lecture Notes in Computer Science, 2014, , 182-193.	1.3	7
20	Beyond Classes of Graphs with â€œFewâ€•Minimal Separators: FPT Results Through Potential Maximal Cliques. Algorithmica, 2019, 81, 986-1005.	1.3	5
21	Approximating the treewidth of AT-free graphs. Discrete Applied Mathematics, 2003, 131, 11-37.	0.9	4
22	Large induced subgraphs via triangulations and CMSO. , 2014, , .		4
23	Listing All Potential Maximal Cliques of a Graph. Lecture Notes in Computer Science, 2000, , 503-515.	1.3	4
24	On Distributed Merlin-Arthur Decision Protocols. Lecture Notes in Computer Science, 2019, , 230-245.	1.3	4
25	The Impact of Locality on the Detection of Cycles in the Broadcast Congested Clique Model. Lecture Notes in Computer Science, 2018, , 134-145.	1.3	4
26	Computing Branchwidth Via Efficient Triangulations and Blocks. Lecture Notes in Computer Science, 2005, , 374-384.	1.3	3
27	Constructing Brambles. Lecture Notes in Computer Science, 2009, , 223-234.	1.3	3
28	Beyond Classes of Graphs with â€œFewâ€•Minimal Separators: FPT Results Through Potential Maximal Cliques. Lecture Notes in Computer Science, 2016, , 499-512.	1.3	2
29	An O(n2) time algorithm for the minimal permutation completion problem. Discrete Applied Mathematics, 2019, 254, 80-95.	0.9	1
30	An $$mathcal {O}(n^2)$$ Time Algorithm for the Minimal Permutation Completion Problem. Lecture Notes in Computer Science, 2016, , 103-115.	1.3	1
31	An ${mathcal{O}}(n^2)$ -time Algorithm for the Minimal Interval Completion Problem. Lecture Notes in Computer Science, 2010, , 175-186.	1.3	1
32	The role of randomness in the broadcast congested clique model. Information and Computation, 2020, , 104669.	0.7	0
33	Exact Algorithms for Treewidth. , 2016, , 688-690.		0