

Hans L Bodlaender

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6844097/publications.pdf>

Version: 2024-02-01

209
papers

8,092
citations

66336

42
h-index

58576

82
g-index

216
all docs

216
docs citations

216
times ranked

1699
citing authors

#	ARTICLE	IF	CITATIONS
1	A Linear-Time Algorithm for Finding Tree-Decompositions of Small Treewidth. SIAM Journal on Computing, 1996, 25, 1305-1317.	1.0	1,103
2	A partial k -arboretum of graphs with bounded treewidth. Theoretical Computer Science, 1998, 209, 1-45.	0.9	746
3	On problems without polynomial kernels. Journal of Computer and System Sciences, 2009, 75, 423-434.	1.2	401
4	Efficient and Constructive Algorithms for the Pathwidth and Treewidth of Graphs. Journal of Algorithms, 1996, 21, 358-402.	0.9	222
5	Polynomial algorithms for graph isomorphism and chromatic index on partial k -trees. Journal of Algorithms, 1990, 11, 631-643.	0.9	173
6	Kernel bounds for disjoint cycles and disjoint paths. Theoretical Computer Science, 2011, 412, 4570-4578.	0.9	173
7	Kernelization Lower Bounds by Cross-Composition. SIAM Journal on Discrete Mathematics, 2014, 28, 277-305.	0.8	170
8	Dynamic programming on graphs with bounded treewidth. Lecture Notes in Computer Science, 1988, , 105-118.	1.3	153
9	A k -Approximation Algorithm for Treewidth. SIAM Journal on Computing, 2016, 45, 317-378.	1.0	146
10	Deterministic single exponential time algorithms for connectivity problems parameterized by treewidth. Information and Computation, 2015, 243, 86-111.	0.7	141
11	The Pathwidth and Treewidth of Cographs. SIAM Journal on Discrete Mathematics, 1993, 6, 181-188.	0.8	134
12	ON THE COMPLEXITY OF SOME COLORING GAMES. International Journal of Foundations of Computer Science, 1991, 02, 133-147.	1.1	127
13	Treewidth: Algorithmic techniques and results. Lecture Notes in Computer Science, 1997, , 19-36.	1.3	125
14	Two strikes against perfect phylogeny. Lecture Notes in Computer Science, 1992, , 273-283.	1.3	124
15	A linear time algorithm for finding tree-decompositions of small treewidth. , 1993, , .		123
16	Treewidth computations I. Upper bounds. Information and Computation, 2010, 208, 259-275.	0.7	116
17	Parallel Algorithms with Optimal Speedup for Bounded Treewidth. SIAM Journal on Computing, 1998, 27, 1725-1746.	1.0	102
18	Rankings of Graphs. SIAM Journal on Discrete Mathematics, 1998, 11, 168-181.	0.8	100

#	ARTICLE	IF	CITATIONS
19	(Meta) Kernelization. , 2009, , .		98
20	Treewidth and Pathwidth of Permutation Graphs. SIAM Journal on Discrete Mathematics, 1995, 8, 606-616.	0.8	96
21	Discovering Treewidth. Lecture Notes in Computer Science, 2005, , 1-16.	1.3	85
22	Algorithms for Graphs Embeddable with Few Crossings per Edge. Algorithmica, 2007, 49, 1-11.	1.3	79
23	(Meta) Kernelization. Journal of the ACM, 2016, 63, 1-69.	2.2	79
24	ON DISJOINT CYCLES. International Journal of Foundations of Computer Science, 1994, 05, 59-68.	1.1	78
25	The parameterized complexity of sequence alignment and consensus. Theoretical Computer Science, 1995, 147, 31-54.	0.9	77
26	Reduction Algorithms for Graphs of Small Treewidth. Information and Computation, 2001, 167, 86-119.	0.7	77
27	Kernelization: New Upper and Lower Bound Techniques. Lecture Notes in Computer Science, 2009, , 17-37.	1.3	75
28	Efficient Exact Algorithms on Planar Graphs: Exploiting Sphere Cut Decompositions. Algorithmica, 2010, 58, 790-810.	1.3	71
29	Achromatic number is NP-complete for cographs and interval graphs. Information Processing Letters, 1989, 31, 135-138.	0.6	70
30	Scheduling with incompatible jobs. Discrete Applied Mathematics, 1994, 55, 219-232.	0.9	70
31	Vertex Cover Kernelization Revisited. Theory of Computing Systems, 2013, 53, 263-299.	1.1	65
32	Treewidth: Computational Experiments. Electronic Notes in Discrete Mathematics, 2001, 8, 54-57.	0.4	64
33	Exact algorithms for dominating set. Discrete Applied Mathematics, 2011, 159, 2147-2164.	0.9	60
34	Kernel bounds for path and cycle problems. Theoretical Computer Science, 2013, 511, 117-136.	0.9	60
35	Treewidth: Characterizations, Applications, and Computations. Lecture Notes in Computer Science, 2006, , 1-14.	1.3	60
36	A Cubic Kernel for Feedback Vertex Set and Loop Cutset. Theory of Computing Systems, 2010, 46, 566-597.	1.1	59

#	ARTICLE	IF	CITATIONS
37	Restrictions of graph partition problems. Part I. Theoretical Computer Science, 1995, 148, 93-109.	0.9	58
38	Safe separators for treewidth. Discrete Mathematics, 2006, 306, 337-350.	0.7	53
39	Dynamic Programming on Tree Decompositions Using Generalised Fast Subset Convolution. Lecture Notes in Computer Science, 2009, , 566-577.	1.3	51
40	Equitable colorings of bounded treewidth graphs. Theoretical Computer Science, 2005, 349, 22-30.	0.9	50
41	Treewidth for graphs with small chordality. Discrete Applied Mathematics, 1997, 79, 45-61.	0.9	49
42	Cutwidth I: A linear time fixed parameter algorithm. Journal of Algorithms, 2005, 56, 1-24.	0.9	49
43	The classification of coverings of processor networks. Journal of Parallel and Distributed Computing, 1989, 6, 166-182.	4.1	47
44	Beyond NP-completeness for problems of bounded width (extended abstract). , 1994, , .		44
45	FINDING SMALL EQUIVALENT DECISION TREES IS HARD. International Journal of Foundations of Computer Science, 2000, 11, 343-354.	1.1	44
46	PREPROCESSING RULES FOR TRIANGULATION OF PROBABILISTIC NETWORKS*. Computational Intelligence, 2005, 21, 286-305.	3.2	43
47	Efficient Exact Algorithms on Planar Graphs: Exploiting Sphere Cut Branch Decompositions. Lecture Notes in Computer Science, 2005, , 95-106.	1.3	42
48	NC-algorithms for graphs with small treewidth. Lecture Notes in Computer Science, 1989, , 1-10.	1.3	42
49	Treewidth computations II. Lower bounds. Information and Computation, 2011, 209, 1103-1119.	0.7	41
50	On Problems without Polynomial Kernels (Extended Abstract). Lecture Notes in Computer Science, 2008, , 563-574.	1.3	41
51	Constructive linear time algorithms for branchwidth. Lecture Notes in Computer Science, 1997, , 627-637.	1.3	40
52	The hardness of perfect phylogeny, feasible register assignment and other problems on thin colored graphs. Theoretical Computer Science, 2000, 244, 167-188.	0.9	39
53	Cutwidth II: Algorithms for partial w -trees of bounded degree. Journal of Algorithms, 2005, 56, 25-49.	0.9	38
54	A Note on Exact Algorithms for Vertex Ordering Problems on Graphs. Theory of Computing Systems, 2012, 50, 420-432.	1.1	36

#	ARTICLE	IF	CITATIONS
55	An $O(c^k n)$ 5-Approximation Algorithm for Treewidth. , 2013, , .		35
56	Kernel Bounds for Disjoint Cycles and Disjoint Paths. Lecture Notes in Computer Science, 2009, , 635-646.	1.3	35
57	Better algorithms for the pathwidth and treewidth of graphs. Lecture Notes in Computer Science, 1991, , 544-555.	1.3	34
58	Treewidth and Minimum Fill-in on d-Trapezoid Graphs. Journal of Graph Algorithms and Applications, 1998, 2, 1-23.	0.4	33
59	Contraction and Treewidth Lower Bounds. Journal of Graph Algorithms and Applications, 2006, 10, 5-49.	0.4	33
60	$W[2]$ -hardness of precedence constrained K-processor scheduling. Operations Research Letters, 1995, 18, 93-97.	0.7	32
61	Planar graph augmentation problems. , 1991, , 286-298.		31
62	On Exact Algorithms for Treewidth. Lecture Notes in Computer Science, 2006, , 672-683.	1.3	31
63	Approximation of pathwidth of outerplanar graphs. Journal of Algorithms, 2002, 43, 190-200.	0.9	29
64	Treewidth Lower Bounds with Brambles. Algorithmica, 2008, 51, 81-98.	1.3	29
65	Exact Algorithms for Edge Domination. Algorithmica, 2012, 64, 535-563.	1.3	29
66	Deterministic Single Exponential Time Algorithms for Connectivity Problems Parameterized by Treewidth. Lecture Notes in Computer Science, 2013, , 196-207.	1.3	29
67	Approximating treewidth, pathwidth, and minimum elimination tree height. Lecture Notes in Computer Science, 1992, , 1-12.	1.3	28
68	A Cubic Kernel for Feedback Vertex Set. , 2007, , 320-331.		28
69	Preprocessing for Treewidth: A Combinatorial Analysis through Kernelization. Lecture Notes in Computer Science, 2011, , 437-448.	1.3	25
70	On intervalizing k-colored graphs for DNA physical mapping. Discrete Applied Mathematics, 1996, 71, 55-77.	0.9	24
71	Safe Reduction Rules for Weighted Treewidth. Algorithmica, 2007, 47, 139-158.	1.3	24
72	On exact algorithms for treewidth. ACM Transactions on Algorithms, 2012, 9, 1-23.	1.0	23

#	ARTICLE	IF	CITATIONS
73	Constructive Linear Time Algorithms for Small Cutwidth and Carving-Width. Lecture Notes in Computer Science, 2000, , 192-203.	1.3	23
74	Partition Into Triangles on Bounded Degree Graphs. Theory of Computing Systems, 2013, 52, 687-718.	1.1	22
75	On the complexity of some coloring games. Lecture Notes in Computer Science, 1991, , 30-40.	1.3	22
76	Complexity of path-forming games. Theoretical Computer Science, 1993, 110, 215-245.	0.9	21
77	Parallel algorithms for series parallel graphs. Lecture Notes in Computer Science, 1996, , 277-289.	1.3	21
78	Preprocessing for Treewidth: A Combinatorial Analysis through Kernelization. SIAM Journal on Discrete Mathematics, 2013, 27, 2108-2142.	0.8	21
79	The pathwidth and treewidth of cographs. Lecture Notes in Computer Science, 1990, , 301-309.	1.3	20
80	Treewidth: Structure and Algorithms. , 2007, , 11-25.		20
81	A Linear Kernel for Planar Feedback Vertex Set. , 2008, , 160-171.		20

82

#	ARTICLE	IF	CITATIONS
91	Necessary Edges in k -Chordalizations of Graphs. <i>Journal of Combinatorial Optimization</i> , 2003, 7, 283-290.	1.3	15
92	A Branch and Bound Algorithm for Exact, Upper, and Lower Bounds on Treewidth. <i>Lecture Notes in Computer Science</i> , 2006, , 255-266.	1.3	15
93	Dynamic algorithms for graphs with treewidth 2. <i>Lecture Notes in Computer Science</i> , 1994, , 112-124.	1.3	15
94	Derivation of algorithms for cutwidth and related graph layout parameters. <i>Journal of Computer and System Sciences</i> , 2009, 75, 231-244.	1.2	14
95	Integer Maximum Flow in Wireless Sensor Networks with Energy Constraint. <i>Lecture Notes in Computer Science</i> , 2008, , 102-113.	1.3	14
96	Online topological ordering. <i>ACM Transactions on Algorithms</i> , 2006, 2, 364-379.	1.0	13
97	On linear time minor tests and depth first search. <i>Lecture Notes in Computer Science</i> , 1989, , 577-590.	1.3	13
98	Treewidth and pathwidth of permutation graphs. <i>Lecture Notes in Computer Science</i> , 1993, , 114-125.	1.3	13
99	Contraction and Treewidth Lower Bounds. <i>Lecture Notes in Computer Science</i> , 2004, , 628-639.	1.3	13
100	The complexity of finding uniform emulations on paths and ring networks. <i>Information and Computation</i> , 1990, 86, 87-106.	0.7	12
101	On the complexity of the maximum cut problem. <i>Lecture Notes in Computer Science</i> , 1994, , 769-780.	1.3	12
102	New Upper Bound Heuristics for Treewidth. <i>Lecture Notes in Computer Science</i> , 2005, , 216-227.	1.3	12
103	Faster Parameterized Algorithms for Minimum Fill-in. <i>Algorithmica</i> , 2011, 61, 817-838.	1.3	12
104	A framework for ETH-tight algorithms and lower bounds in geometric intersection graphs. , 2018, , .		12
105	Computing Small Search Numbers in Linear Time. <i>Lecture Notes in Computer Science</i> , 2004, , 37-48.	1.3	12
106	Kernel Bounds for Path and Cycle Problems. <i>Lecture Notes in Computer Science</i> , 2012, , 145-158.	1.3	12
107	Degree-Based Treewidth Lower Bounds. <i>Lecture Notes in Computer Science</i> , 2005, , 101-112.	1.3	11
108	Fixed-Parameter Tractability of Treewidth and Pathwidth. <i>Lecture Notes in Computer Science</i> , 2012, , 196-227.	1.3	11

#	ARTICLE	IF	CITATIONS
109	Parameterized Complexity of the Spanning Tree Congestion Problem. <i>Algorithmica</i> , 2012, 64, 85-111.	1.3	11
110	A faster parameterized algorithm for Pseudoforest Deletion. <i>Discrete Applied Mathematics</i> , 2018, 236, 42-56.	0.9	11
111	Polynomial algorithms for graph isomorphism and chromatic index on partial k -trees. <i>Lecture Notes in Computer Science</i> , 1988, , 223-232.	1.3	11
112	Intervalizing k -colored graphs. <i>Lecture Notes in Computer Science</i> , 1995, , 87-98.	1.3	11
113	The Fine Details of Fast Dynamic Programming over Tree Decompositions. <i>Lecture Notes in Computer Science</i> , 2013, , 41-53.	1.3	11
114	Kernel Bounds for Structural Parameterizations of Pathwidth. <i>Lecture Notes in Computer Science</i> , 2012, , 352-363.	1.3	11
115	SIMPLE MAX-CUT for unit interval graphs and graphs with few P_4 s. <i>Electronic Notes in Discrete Mathematics</i> , 1999, 3, 19-26.	0.4	10
116	Clustering with partial information. <i>Theoretical Computer Science</i> , 2010, 411, 1202-1211.	0.9	10
117	Quadratic Kernelization for Convex Recoloring of Trees. <i>Algorithmica</i> , 2011, 61, 362-388.	1.3	10
118	A Polynomial Time Algorithm for the Cutwidth of Bounded Degree Graphs with Small Treewidth. <i>Lecture Notes in Computer Science</i> , 2001, , 380-390.	1.3	10
119	On disjoint cycles. <i>Lecture Notes in Computer Science</i> , 1992, , 230-238.	1.3	10
120	A Linear Kernel for the k -Disjoint Cycle Problem on Planar Graphs. <i>Lecture Notes in Computer Science</i> , 2008, , 306-317.	1.3	10
121	A better lower bound for distributed leader finding in bidirectional asynchronous rings of processors. <i>Information Processing Letters</i> , 1988, 27, 287-290.	0.6	9
122	The complexity of coloring games on perfect graphs. <i>Theoretical Computer Science</i> , 1992, 106, 309-326.	0.9	9
123	An ETH-Tight Exact Algorithm for Euclidean TSP. , 2018, , .		9
124	On the Maximum Cardinality Search Lower Bound for Treewidth. <i>Lecture Notes in Computer Science</i> , 2004, , 81-92.	1.3	9
125	Quadratic Kernelization for Convex Recoloring of Trees. <i>Lecture Notes in Computer Science</i> , 2007, , 86-96.	1.3	9
126	Spanning tree congestion of $\langle \text{mml:math altimg="si8.gif" display="inline" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.. Discrete Math$	0.7	8

#	ARTICLE	IF	CITATIONS
127	Speeding Up Dynamic Programming with Representative Sets: An Experimental Evaluation of Algorithms for Steiner Tree on Tree Decompositions. <i>Algorithmica</i> , 2015, 71, 636-660.	1.3	8
128	On Game-Theoretic Models of Networks. <i>Lecture Notes in Computer Science</i> , 2001, , 550-561.	1.3	8
129	Complexity Results for the Spanning Tree Congestion Problem. <i>Lecture Notes in Computer Science</i> , 2010, , 3-14.	1.3	8
130	A Framework for Exponential-Time-Hypothesis-Tight Algorithms and Lower Bounds in Geometric Intersection Graphs. <i>SIAM Journal on Computing</i> , 2020, 49, 1291-1331.	1.0	8
131	Finding a $\hat{\Gamma}^m$ -regular supergraph of minimum order. <i>Discrete Applied Mathematics</i> , 2003, 131, 3-9.	0.9	7
132	Radio Labeling with Preassigned Frequencies. <i>SIAM Journal on Optimization</i> , 2004, 15, 1-16.	2.0	7
133	Scheduling of pipelined operator graphs. <i>Journal of Scheduling</i> , 2012, 15, 323-332.	1.9	7
134	Characterizing width two for variants of treewidth. <i>Discrete Applied Mathematics</i> , 2017, 216, 29-46.	0.9	7
135	On exploring always-connected temporal graphs of small pathwidth. <i>Information Processing Letters</i> , 2019, 142, 68-71.	0.6	7
136	Safe Reduction Rules for Weighted Treewidth. <i>Lecture Notes in Computer Science</i> , 2002, , 176-185.	1.3	7
137	Triangulating planar graphs while minimizing the maximum degree. <i>Lecture Notes in Computer Science</i> , 1992, , 258-271.	1.3	7
138	The parameterized complexity of sequence alignment and consensus. <i>Lecture Notes in Computer Science</i> , 1994, , 15-30.	1.3	7
139	Treewidth and Minimum Fill-in on d-Trapezoid Graphs. , 2002, , 139-161.		7
140	The algorithmic theory of treewidth. <i>Electronic Notes in Discrete Mathematics</i> , 2000, 5, 27-30.	0.4	6
141	On the maximum cardinality search lower bound for treewidth. <i>Discrete Applied Mathematics</i> , 2007, 155, 1348-1372.	0.9	6
142	On the maximum weight minimal separator. <i>Theoretical Computer Science</i> , 2019, 796, 294-308.	0.9	6
143	Improved self-reduction algorithms for graphs with bounded treewidth. <i>Lecture Notes in Computer Science</i> , 1990, , 232-244.	1.3	6
144	Approximating treewidth and pathwidth of some classes of perfect graphs. <i>Lecture Notes in Computer Science</i> , 1992, , 116-125.	1.3	6

#	ARTICLE	IF	CITATIONS
145	Simple Max-Cut for Split-Indifference Graphs and Graphs with Few P 4â€™s. Lecture Notes in Computer Science, 2004, , 87-99.	1.3	6
146	Faster Algorithms on Branch and Clique Decompositions. Lecture Notes in Computer Science, 2010, , 174-185.	1.3	6
147	The Valve Location Problem in Simple Network Topologies. INFORMS Journal on Computing, 2010, 22, 433-442.	1.7	5
148	On Making a Distinguished Vertex of Minimum Degree by Vertex Deletion. Algorithmica, 2014, 68, 715-738.	1.3	5
149	Exact algorithms for Kayles. Theoretical Computer Science, 2015, 562, 165-176.	0.9	5
150	On reduction algorithms for graphs with small treewidth. Lecture Notes in Computer Science, 1994, , 45-56.	1.3	5
151	Isomorphism for graphs of bounded distance width. Lecture Notes in Computer Science, 1997, , 276-287.	1.3	5
152	PSPACE-Completeness of Bloxorz and of Games with 2-Buttons. Lecture Notes in Computer Science, 2015, , 403-415.	1.3	5
153	The complexity of finding uniform emulations on fixed graphs. Information Processing Letters, 1988, 29, 137-141.	0.6	4
154	Parallel algorithms for treewidth two. Lecture Notes in Computer Science, 1997, , 157-170.	1.3	4
155	Recognizability Equals Definability for Graphs of Bounded Treewidth and Bounded Chordality. Electronic Notes in Discrete Mathematics, 2015, 49, 559-568.	0.4	4
156	Subgraph Isomorphism on Graph Classes that Exclude a Substructure. Algorithmica, 2020, 82, 3566-3587.	1.3	4
157	Faster Parameterized Algorithms for Minimum Fill-In. Lecture Notes in Computer Science, 2008, , 282-293.	1.3	4
158	The Complexity of Finding kth Most Probable Explanations in Probabilistic Networks. Lecture Notes in Computer Science, 2011, , 356-367.	1.3	4
159	Weighted Treewidth Algorithmic Techniques and Results. , 2007, , 893-903.		4
160	Clustering with Partial Information. Lecture Notes in Computer Science, 2008, , 144-155.	1.3	4
161	Parameterized Problems Complete for Nondeterministic FPT time and Logarithmic Space. , 2022, , .		4
162	Google Scholar makes it hard â€“ the complexity of organizing one's publications. Information Processing Letters, 2015, 115, 965-968.	0.6	3

#	ARTICLE	IF	CITATIONS
163	Degree-Constrained Orientation of Maximum Satisfaction: Graph Classes and Parameterized Complexity. <i>Algorithmica</i> , 2018, 80, 2160-2180.	1.3	3
164	Typical Sequences Revisited – Computing Width Parameters of Graphs. <i>Theory of Computing Systems</i> , 2023, 67, 52-88.	1.1	3
165	Fixed-Treewidth-Efficient Algorithms for Edge-Deletion to Interval Graph Classes. <i>Lecture Notes in Computer Science</i> , 2021, , 142-153.	1.3	3
166	Radio Labeling with Pre-assigned Frequencies. <i>Lecture Notes in Computer Science</i> , 2002, , 211-222.	1.3	3
167	A simple linear time algorithm for triangulating three-colored graphs. <i>Lecture Notes in Computer Science</i> , 1992, , 413-423.	1.3	3
168	Finite-state computability of annotations of strings and trees (extended abstract). <i>Lecture Notes in Computer Science</i> , 1996, , 384-391.	1.3	3
169	Speeding Up Dynamic Programming with Representative Sets. <i>Lecture Notes in Computer Science</i> , 2013, , 321-334.	1.3	3
170	The Valve Location Problem in Simple Network Topologies. <i>Lecture Notes in Computer Science</i> , 2008, , 55-65.	1.3	3
171	A Local Search Algorithm for Branchwidth. <i>Lecture Notes in Computer Science</i> , 2011, , 444-454.	1.3	3
172	Exact Algorithms for Intervalizing Colored Graphs. <i>Lecture Notes in Computer Science</i> , 2011, , 45-56.	1.3	3
173	SIZES OF ORDERED DECISION TREES. <i>International Journal of Foundations of Computer Science</i> , 2002, 13, 445-458.	1.1	2
174	Recognizing hyperelliptic graphs in polynomial time. <i>Theoretical Computer Science</i> , 2020, 815, 121-146.	0.9	2
175	Parameterized Complexity of Conflict-Free Graph Coloring. <i>SIAM Journal on Discrete Mathematics</i> , 2021, 35, 2003-2038.	0.8	2
176	Steiner trees for hereditary graph classes: A treewidth perspective. <i>Theoretical Computer Science</i> , 2021, 867, 30-39.	0.9	2
177	Constructing Tree Decompositions of Graphs with Bounded Gonality. <i>Lecture Notes in Computer Science</i> , 2020, , 384-396.	1.3	2
178	Linear Time Algorithms for Some NP-Complete Problems on (P_5, Gem) -Free Graphs. <i>Lecture Notes in Computer Science</i> , 2003, , 61-72.	1.3	2
179	Fixed-Parameter Tractability and Characterizations of Small Special Treewidth. <i>Lecture Notes in Computer Science</i> , 2013, , 88-99.	1.3	2
180	Subexponential Time Algorithms for Finding Small Tree and Path Decompositions. <i>Lecture Notes in Computer Science</i> , 2015, , 179-190.	1.3	2

#	ARTICLE	IF	CITATIONS
181	Approximation of Pathwidth of Outerplanar Graphs. Lecture Notes in Computer Science, 2001, , 166-176.	1.3	2
182	Equitable Colorings of Bounded Treewidth Graphs. Lecture Notes in Computer Science, 2004, , 180-190.	1.3	2
183	Improved Lower Bounds for Graph Embedding Problems. Lecture Notes in Computer Science, 2017, , 92-103.	1.3	2
184	Recognizing Hyperelliptic Graphs in Polynomial Time. Lecture Notes in Computer Science, 2018, , 52-64.	1.3	2
185	Wooden Geometric Puzzles: Design and Hardness Proofs. Theory of Computing Systems, 2009, 44, 160-174.	1.1	1
186	On switching classes, NLC-width, cliquewidth and treewidth. Theoretical Computer Science, 2012, 429, 30-35.	0.9	1
187	Exact Algorithms for Intervalizing Coloured Graphs. Theory of Computing Systems, 2016, 58, 273-286.	1.1	1
188	On the Maximum Weight Minimal Separator. Lecture Notes in Computer Science, 2017, , 304-318.	1.3	1
189	Definability equals recognizability for k -outerplanar graphs and l -chordal partial	0.8	1
190	Subgraph Isomorphism on Graph Classes that Exclude a Substructure. Lecture Notes in Computer Science, 2019, , 87-98.	1.3	1
191	The Homogeneous Broadcast Problem in Narrow and Wide Strips II: Lower Bounds. Algorithmica, 2019, 81, 2963-2990.	1.3	1
192	Stable Divisorial Gonality is in NP. Theory of Computing Systems, 2021, 65, 428-440.	1.1	1
193	Stable Divisorial Gonality is in NP. Lecture Notes in Computer Science, 2019, , 81-93.	1.3	1
194	Partition into Triangles on Bounded Degree Graphs. Lecture Notes in Computer Science, 2011, , 558-569.	1.3	1
195	On Stopping Evidence Gathering for Diagnostic Bayesian Networks. Lecture Notes in Computer Science, 2011, , 170-181.	1.3	1
196	Treewidth of Graphs. , 2014, , 1-5.		1
197	Kernelization, Exponential Lower Bounds. , 2016, , 1013-1017.		1
198	Steiner Trees for Hereditary Graph Classes. Lecture Notes in Computer Science, 2020, , 613-624.	1.3	1

#	ARTICLE	IF	CITATIONS
199	Starting with Nondeterminism: The Systematic Derivation of Linear-Time Graph Layout Algorithms. Lecture Notes in Computer Science, 2003, , 239-248.	1.3	0
200	The Homogeneous Broadcast Problem in Narrow and Wide Strips I: Algorithms. Algorithmica, 2019, 81, 2934-2962.	1.3	0
201	On the exact complexity of polyomino packing. Theoretical Computer Science, 2020, 839, 13-20.	0.9	0
202	Constructing tree decompositions of graphs with bounded gonality. Journal of Combinatorial Optimization, 0, , 1.	1.3	0
203	A Note on Rectilinearity and Angular Resolution. , 2006, , 89-94.		0
204	Treewidth of Graphs. , 2008, , 968-970.		0
205	A Kernel for Convex Recoloring of Weighted Forests. Lecture Notes in Computer Science, 2010, , 212-223.	1.3	0
206	Kernelization, Exponential Lower Bounds. , 2014, , 1-6.		0
207	The distributed bit complexity of the ring: From the anonymous to the non-anonymous case. Lecture Notes in Computer Science, 1989, , 58-67.	1.3	0
208	Robust Recoverable Path Using Backup Nodes. Lecture Notes in Computer Science, 2016, , 95-106.	1.3	0
209	The Homogeneous Broadcast Problem in Narrow and Wide Strips. Lecture Notes in Computer Science, 2017, , 289-300.	1.3	0