Which Problems Have Strongly Exponential Complexity

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Citation Report

#	Article	IF	CITATIONS
1	Parameterized complexity for the skeptic. , 0, , .		43
2	Hardness vs. randomness within alternating time. , 0, , .		6
3	Linear FPT reductions and computational lower bounds. , 2004, , .		61
4	Genetic algorithm in DNA computing: A solution to the maximal clique problem. Science Bulletin, 2004, 49, 967-971.	1.7	12
5	Improved exact algorithms for MAX-SAT. Discrete Applied Mathematics, 2004, 142, 17-27.	0.5	52
6	Tight lower bounds for certain parameterized NP-hard problems. , 0, , .		7
7	Exact (Exponential) Algorithms for the Dominating Set Problem. Lecture Notes in Computer Science, 2004, , 245-256.	1.0	72
8	Tight lower bounds for certain parameterized NP-hard problems. Information and Computation, 2005, 201, 216-231.	0.5	123
9	Labeled Search Trees and Amortized Analysis: Improved Upper Bounds for NP-Hard Problems. Algorithmica, 2005, 43, 245-273.	1.0	38
10	Parameterized Computation and Complexity: A New Approach Dealing with NP-Hardness. Journal of Computer Science and Technology, 2005, 20, 18-37.	0.9	23
13	Pathwidth of cubic graphs and exact algorithms. Information Processing Letters, 2006, 97, 191-196.	0.4	56
14	The complexity of depth-3 circuits computing symmetric Boolean functions. Information Processing Letters, 2006, 100, 41-46.	0.4	3
15	Exact algorithms for the Hamiltonian cycle problem in planar graphs. Operations Research Letters, 2006, 34, 269-274.	0.5	22
16	Strong computational lower bounds via parameterized complexity. Journal of Computer and System Sciences, 2006, 72, 1346-1367.	0.9	175
17	On miniaturized problems in parameterized complexity theory. Theoretical Computer Science, 2006, 351, 314-336.	0.5	8
18	Improved Parameterized Upper Bounds for Vertex Cover. Lecture Notes in Computer Science, 2006, , 238-249.	1.0	74
19	An Isomorphism between Subexponential and Parameterized Complexity Theory. , 0, , .		0
20	On Parameterized Intractability: Hardness and Completeness. Computer Journal, 2007, 51, 39-59.	1.5	13

#	ARTICLE	IF	Citations
22	The Computer Journal Special Issue on Parameterized Complexity: Foreword by the Guest Editors. Computer Journal, 2007, 51, 1-6.	1.5	12
23	Parameterized Complexity and Approximation Algorithms. Computer Journal, 2007, 51, 60-78.	1.5	190
24	Fixed-Parameter Algorithms For Artificial Intelligence, Constraint Satisfaction and Database Problems. Computer Journal, 2007, 51, 303-325.	1.5	59
25	An Isomorphism Between Subexponential and Parameterized Complexity Theory. SIAM Journal on Computing, 2007, 37, 1228-1258.	0.8	14
26	Combinatorial Optimization and Applications. Lecture Notes in Computer Science, 2007, , .	1.0	1
27	On Parameterized Path and Chordless Path Problems. Computational Complexity, IEEE Annual Conference on, 2007, , .	0.0	17
28	On the Optimality of Planar and Geometric Approximation Schemes. , 2007, , .		21
29	Parameterized Proof Complexity. , 2007, , .		10
30	Predecessor existence problems for finite discrete dynamical systems. Theoretical Computer Science, 2007, 386, 3-37.	0.5	38
31	An O(2O(k)n3) FPT Algorithm for the Undirected Feedback Vertex Set Problem. Theory of Computing Systems, 2007, 41, 479-492.	0.7	56
32	Genus characterizes the complexity of certain graph problems: Some tight results. Journal of Computer and System Sciences, 2007, 73, 892-907.	0.9	13
33	Solving Connected Dominating Set Faster than 2 n. Algorithmica, 2008, 52, 153-166.	1.0	61
34	Searching the k-change neighborhood for TSP is $W[1]$ -hard. Operations Research Letters, 2008, 36, 31-36.	0.5	35
35	Subexponential parameterized algorithms. Computer Science Review, 2008, 2, 29-39.	10.2	70
36	An improved lower bound on approximation algorithms for the Closest Substring problem. Information Processing Letters, 2008, 107, 24-28.	0.4	7
37	Exact Algorithms for Treewidth and Minimum Fill-In. SIAM Journal on Computing, 2008, 38, 1058-1079.	0.8	53
38	Computing the Tutte Polynomial in Vertex-Exponential Time. , 2008, , .		43
39	Closest Substring Problems with Small Distances. SIAM Journal on Computing, 2008, 38, 1382-1410.	0.8	45

#	Article	IF	Citations
40	Matched Formulas and Backdoor Sets1. Journal of Satisfiability, Boolean Modeling and Computation, 2008, 6, 1-12.	1.2	14
41	The Complexity Ecology of Parameters: An Illustration Using Bounded Max Leaf Number. Theory of Computing Systems, 2009, 45, 822-848.	0.7	75
42	On parameterized exponential time complexity. Theoretical Computer Science, 2009, 410, 2641-2648.	0.5	9
43	A note on width-parameterized SAT: An exact machine-model characterization. Information Processing Letters, 2009, 110, 8-12.	0.4	3
44	A measure & Conquer approach for the analysis of exact algorithms. Journal of the ACM, 2009, 56, 1-32.	1.8	555
45	Arithmetic Circuits, Monomial Algebras and Finite Automata. Lecture Notes in Computer Science, 2009, , 78-89.	1.0	O
46	Lower Bounds for Kernelizations and Other Preprocessing Procedures. Lecture Notes in Computer Science, 2009, , 118-128.	1.0	6
47	Algorithmic Lower Bounds for Problems Parameterized by Clique-width. , 2010, , .		24
48	On the possibility of faster SAT algorithms. , 2010, , .		54
49	Constraint satisfaction with bounded treewidth revisited. Journal of Computer and System Sciences, 2010, 76, 103-114.	0.9	54
50	Pursuing a fast robber on a graph. Theoretical Computer Science, 2010, 411, 1167-1181.	0.5	54
51	Improved upper bounds for vertex cover. Theoretical Computer Science, 2010, 411, 3736-3756.	0.5	276
52	Solving Maximal Clique Problem through Genetic Algorithm. , 2010, , .		0
53	On the complexity of circuit satisfiability. , 2010, , .		8
54	Satisfiability allows no nontrivial sparsification unless the polynomial-time hierarchy collapses. , 2010, , .		85
55	Tractable hypergraph properties for constraint satisfaction and conjunctive queries., 2010,,.		40
57	Balanced families of perfect hash functions and their applications. ACM Transactions on Algorithms, 2010, 6, 1-12.	0.9	15
59	Determinant Sums for Undirected Hamiltonicity. , 2010, , .		66

#	Article	IF	Citations
60	Improving exhaustive search implies superpolynomial lower bounds., 2010,,.		49
61	Subexponential Algorithms for Unique Games and Related Problems. , 2010, , .		92
62	Fighting Perebor: New and Improved Algorithms for Formula and QBF Satisfiability. , 2010, , .		45
63	Confronting intractability via parameters. Computer Science Review, 2011, 5, 279-317.	10.2	14
64	Known Algorithms on Graphs of Bounded Treewidth are Probably Optimal. , 2011, , .		46
65	Guest column. ACM SIGACT News, 2011, 42, 54-76.	0.1	12
66	SIGACT news complexity theory column 71. ACM SIGACT News, 2011, 42, 53-54.	0.1	0
67	Exact algorithms for dominating set. Discrete Applied Mathematics, 2011, 159, 2147-2164.	0.5	60
68	Approximation of max independent set, min vertex cover and related problems by moderately exponential algorithms. Discrete Applied Mathematics, 2011, 159, 1954-1970.	0.5	37
69	A New Algorithm for Finding Trees with Many Leaves. Algorithmica, 2011, 61, 882-897.	1.0	12
70	Parameterized Proof Complexity. Computational Complexity, 2011, 20, 51-85.	0.2	13
71	Tractable Structures for Constraint Satisfaction withÂTruth Tables. Theory of Computing Systems, 2011, 48, 444-464.	0.7	25
72	New Plain-Exponential Time Classes for Graph Homomorphism. Theory of Computing Systems, 2011, 49, 273-282.	0.7	10
73	Lower Bounds for Kernelizations andÂOtherÂPreprocessingÂProcedures. Theory of Computing Systems, 2011.48.803-839 The parameterized complexity of <mml:math <="" altimg="si1.gif" display="inline" overflow="scroll" td=""><td>0.7</td><td>28</td></mml:math>	0.7	28
74	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"	0.6	24
75	xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://. Discrete Optimizati Dominating set based exact algorithms for 3-coloring. Information Processing Letters, 2011, 111, 251-255.	0.4	3
76	Geometric clustering. ACM Transactions on Algorithms, 2011, 7, 1-27.	0.9	9
77	Sparse Balanced Partitions and the Complexity of Subgraph Problems. SIAM Journal on Discrete Mathematics, 2011, 25, 631-644.	0.4	4

#	Article	IF	Citations
78	Combinatorial Algorithms. Lecture Notes in Computer Science, 2011, , .	1.0	0
79	Interval Scheduling and Colorful Independent Sets. Lecture Notes in Computer Science, 2012, , 247-256.	1.0	0
80	What's Next? Future Directions in Parameterized Complexity. Lecture Notes in Computer Science, 2012, , 469-496.	1.0	12
81	On the parameterized complexity of the workflow satisfiability problem. , 2012, , .		10
82	On Problems as Hard as CNF-SAT. , 2012, , .		47
83	Parameterized Complexity and Subexponential-Time Computability. Lecture Notes in Computer Science, 2012, , 162-195.	1.0	3
84	Counting Perfect Matchings as Fast as Ryser. , 2012, , .		19
85	Studies in Computational Aspects of Voting. Lecture Notes in Computer Science, 2012, , 318-363.	1.0	14
86	A New Direction for Counting Perfect Matchings. , 2012, , .		7
87	Planar F-Deletion: Approximation, Kernelization and Optimal FPT Algorithms. , 2012, , .		89
88	Cluster editing with locally bounded modifications. Discrete Applied Mathematics, 2012, 160, 2259-2270.	0.5	73
89	Catalan structures and dynamic programming in H-minor-free graphs. Journal of Computer and System Sciences, 2012, 78, 1606-1622.	0.9	20
90	Computing vertex-surjective homomorphisms to partially reflexive trees. Theoretical Computer Science, 2012, 457, 86-100.	0.5	13
91	Algorithms for dominating clique problems. Theoretical Computer Science, 2012, 459, 77-88.	0.5	2
93	A Parameterized Complexity Tutorial. Lecture Notes in Computer Science, 2012, , 38-56. Towards samplanath sanlas manual "http://www.w.3.org/1998/Math/Math/M." altimg="sil.gif"	1.0	2
94	display="inline" overflow="scroll"> <mml:mstyle mathvariant="italic"><mml:mi>NP</mml:mi></mml:mstyle> â€" <mml:math altimg="si2.gif" display="inline" overflow="scroll" xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mstyle mathvariant="italic"><mml:mi>P</mml:mi></mml:mstyle></mml:math>	0.3	57
95	via proof complexity and search. Annals of Pure and Applied Logic, 2012, 163, 906-917. On making directed graphs transitive. Journal of Computer and System Sciences, 2012, 78, 559-574.	0.9	9
96	Analysis of the impact of the number of edges in connected graphs on the computational complexity of the independent set problem. Journal of Applied and Industrial Mathematics, 2012, 6, 97-99.	0.1	2

#	Article	IF	Citations
97	The Parameterized Complexity of Stabbing Rectangles. Algorithmica, 2012, 62, 564-594.	1.0	4
99	New enumeration algorithm for protein structure comparison and classification. BMC Genomics, 2013, 14, S1.	1.2	6
100	The Parameterized Complexity of Local Search for TSP, More Refined. Algorithmica, 2013, 67, 89-110.	1.0	11
101	On the Exact Complexity of Evaluating Quantified k -CNF. Algorithmica, 2013, 65, 817-827.	1.0	6
102	Improving Exhaustive Search Implies Superpolynomial Lower Bounds. SIAM Journal on Computing, 2013, 42, 1218-1244.	0.8	103
103	Tight complexity bounds for FPT subgraph problems parameterized by the clique-width. Theoretical Computer Science, 2013, 485, 69-84.	0.5	13
105	A Multivariate Analysis of Some DFA Problems. Lecture Notes in Computer Science, 2013, , 275-286.	1.0	4
106	On exact algorithms for the permutation CSP. Theoretical Computer Science, 2013, 511, 109-116.	0.5	1
108	Exponential approximation schemata for some network design problems. Journal of Discrete Algorithms, 2013, 22, 43-52.	0.7	3
109	Moderately exponential time and fixed parameter approximation algorithms. Optimization, 2013, 62, 1019-1036.	1.0	0
110	A Satisfiability Algorithm for Sparse Depth Two Threshold Circuits. , 2013, , .		24
111	Independent Set, Induced Matching, and Pricing: Connections and Tight (Subexponential Time) Approximation Hardnesses., 2013,,.		27
112	Tractable Hypergraph Properties for Constraint Satisfaction and Conjunctive Queries. Journal of the ACM, 2013, 60, 1-51.	1.8	83
113	Parameterized complexity of MaxSat Above Average. Theoretical Computer Science, 2013, 511, 77-84.	0.5	5
114	Beyond bidimensionality: Parameterized subexponential algorithms on directed graphs. Information and Computation, 2013, 233, 60-70.	0.5	13
115	Incremental list coloring of graphs, parameterized by conservation. Theoretical Computer Science, 2013, 494, 86-98.	0.5	17
116	Towards fully multivariate algorithmics: Parameter ecology and the deconstruction of computational complexity. European Journal of Combinatorics, 2013, 34, 541-566.	0.5	82
117	Partition Into Triangles on Bounded Degree Graphs. Theory of Computing Systems, 2013, 52, 687-718.	0.7	22

#	Article	IF	CITATIONS
118	Fast hamiltonicity checking via bases of perfect matchings. , 2013, , .		28
119	Approximation resistance from pairwise independent subgroups. , 2013, , .		33
120	Fast approximation algorithms for the diameter and radius of sparse graphs. , 2013, , .		116
121	On the Parameterized Complexity and Kernelization of the Workflow Satisfiability Problem. ACM Transactions on Information and System Security, 2013, 16, 1-31.	4. 5	45
122	Subexponential Parameterized Algorithm for Minimum Fill-In. SIAM Journal on Computing, 2013, 42, 2197-2216.	0.8	48
123	Known algorithms for E <scp>dge</scp> C <scp>lique</scp> C <scp>over</scp> are probably optimal., 2013,,.		6
124	Why Walking the Dog Takes Time: Frechet Distance Has No Strongly Subquadratic Algorithms Unless SETH Fails. , 2014, , .		93
125	Tight Bounds for Planar Strongly Connected Steiner Subgraph with Fixed Number of Terminals (and) Tj ETQq $1\ 1$	0.784314	rgBT Overlo
126	Half-integrality, LP-branching and FPT Algorithms. , 2014, , .		20
127	Finding orthogonal vectors in discrete structures. , 2014, , .		13
128	A Near-Optimal Planarization Algorithm. , 2014, , .		23
129	Efficient Computation of Representative Sets with Applications in Parameterized and Exact Algorithms. , 2014, , .		36
130	Better Approximation Algorithms for the Graph Diameter. , 2014, , .		41
131	On the optimality of approximation schemes for the classical scheduling problem. , 2014, , .		13
132	Constraint Solving via Fractional Edge Covers. ACM Transactions on Algorithms, 2014, 11, 1-20.	0.9	64
133	Exponential Time Complexity of the Permanent and the Tutte Polynomial. ACM Transactions on Algorithms, 2014, 10, 1-32.	0.9	52
134	A Subexponential Parameterized Algorithm for Proper Interval Completion. Lecture Notes in Computer Science, 2014, , 173-184.	1.0	12
135	Network Sparsification for Steiner Problems on Planar and Bounded-Genus Graphs. , 2014, , .		14

#	Article	IF	Citations
136	Clustering and Partition Based Divide and Conquer for SAT Solving., 2014,,.		1
137	Small Unsatisfiable Subsets in Constraint Satisfaction. , 2014, , .		2
138	Social choice meets graph drawing: How to get subexponential time algorithms for ranking and drawing problems. Tsinghua Science and Technology, 2014, 19, 374-386.	4.1	5
139	The limited blessing of low dimensionality. , 2014, , .		10
140	Faster decision of first-order graph properties. , 2014, , .		12
141	Parameterized and Subexponential-Time Complexity of Satisfiability Problems and Applications. Lecture Notes in Computer Science, 2014, , 637-651.	1.0	0
142	Almost Optimal Lower Bounds for Problems Parameterized by Clique-Width. SIAM Journal on Computing, 2014, 43, 1541-1563.	0.8	27
143	Determinant Sums for Undirected Hamiltonicity. SIAM Journal on Computing, 2014, 43, 280-299.	0.8	53
144	Computer Science - Theory and Applications. Lecture Notes in Computer Science, 2014, , .	1.0	3
146	Covering Problems for Partial Words and for Indeterminate Strings. Lecture Notes in Computer Science, 2014, , 220-232.	1.0	5
147	Approximating MAX SAT by moderately exponential and parameterized algorithms. Theoretical Computer Science, 2014, 560, 147-157.	0.5	5
148	ON OPTIMAL INVERTERS. Bulletin of Symbolic Logic, 2014, 20, 1-23.	0.2	3
150	Satisfiability Allows No Nontrivial Sparsification unless the Polynomial-Time Hierarchy Collapses. Journal of the ACM, 2014, 61, 1-27.	1.8	118
151	New exact algorithms for the 2-constraint satisfaction problem. Theoretical Computer Science, 2014, 526, 18-27.	0.5	7
152	Independent Set in <i>P</i> ₅ -Free Graphs in Polynomial Time., 2014,,.		43
153	Algorithms for Circuits and Circuits for Algorithms. , 2014, , .		7
154	Transforming Evolutionary Search into Higher-Level Evolutionary Search by Capturing Problem Structure. IEEE Transactions on Evolutionary Computation, 2014, 18, 628-642.	7.5	14
155	Practical algorithms for MSO model-checking on tree-decomposable graphs. Computer Science Review, 2014, 13-14, 39-74.	10.2	22

#	Article	lF	Citations
156	Colouring graphs when the number of colours is almost the maximum degree. Journal of Combinatorial Theory Series B, 2014, 109, 134-195.	0.6	25
157	Hitting and Harvesting Pumpkins. SIAM Journal on Discrete Mathematics, 2014, 28, 1363-1390.	0.4	12
158	Partitioning Biological Networks into Highly Connected Clusters with Maximum Edge Coverage. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2014, 11, 455-467.	1.9	14
159	Perspectives in Computational Complexity. , 2014, , .		3
160	Efficient algorithms for the max \$\$k\$\$ -vertex cover problem. Journal of Combinatorial Optimization, 2014, 28, 674-691.	0.8	3
161	Theory and Applications of Satisfiability Testing – SAT 2014. Lecture Notes in Computer Science, 2014, , .	1.0	2
162	Dynamic programming for graphs on surfaces. ACM Transactions on Algorithms, 2014, 10, 1-26.	0.9	29
164	Lower bounds on the complexity of MSO1 model-checking. Journal of Computer and System Sciences, 2014, 80, 180-194.	0.9	8
165	Tight bounds for parameterized complexity of Cluster Editing with a small number of clusters. Journal of Computer and System Sciences, 2014, 80, 1430-1447.	0.9	35
166	Complexity of Counting Subgraphs: Only the Boundedness of the Vertex-Cover Number Counts. , 2014, , .		31
167	Parameterized and subexponential-time complexity of satisfiability problems and applications. Theoretical Computer Science, 2015, 607, 282-295.	0.5	2
168	Exact approaches for scaffolding. BMC Bioinformatics, 2015, 16, S2.	1.2	21
169	A graph modification approach for finding core–periphery structures in protein interaction networks. Algorithms for Molecular Biology, 2015, 10, 16.	0.3	24
170	A Satisfiability Algorithm for Some Class of Dense Depth Two Threshold Circuits. IEICE Transactions on Information and Systems, 2015, E98.D, 108-118.	0.4	2
171	Exploring the Subexponential Complexity of Completion Problems. ACM Transactions on Computation Theory, 2015, 7, 1-38.	0.4	19
173	Interval scheduling and colorful independent sets. Journal of Scheduling, 2015, 18, 449-469.	1.3	35
174	An approximate method to compute a sparse graph for traveling salesman problem. Expert Systems With Applications, 2015, 42, 5150-5162.	4.4	16
175	The Discrete and Semicontinuous Fr $ ilde{A}$ ©chet Distance with Shortcuts via Approximate Distance Counting and Selection. ACM Transactions on Algorithms, 2015, 11, 1-29.	0.9	3

#	Article	IF	CITATIONS
176	FO Model Checking on Posets of Bounded Width., 2015,,.		17
177	A Subexponential Parameterized Algorithm for Proper Interval Completion. SIAM Journal on Discrete Mathematics, 2015, 29, 1961-1987.	0.4	11
178	Parameterizing the Permanent: Genus, Apices, Minors, Evaluation Mod $2k.$, 2015 , , .		5
179	A Polynomial Kernel for Trivially Perfect Editing. Lecture Notes in Computer Science, 2015, , 424-436.	1.0	13
180	Any realistic model of a physical system must be computationally realistic. Journal of Physics: Conference Series, 2015, 574, 012088.	0.3	1
181	Tight Hardness Results for LCS and Other Sequence Similarity Measures. , 2015, , .		90
182	A multi-parameter analysis of hard problems on deterministic finite automata. Journal of Computer and System Sciences, 2015, 81, 747-765.	0.9	15
183	The role of planarity in connectivity problems parameterized by treewidth. Theoretical Computer Science, 2015, 570, 1-14.	0.5	5
184	Subcubic Equivalences Between Graph Centrality Problems, APSP and Diameter. , 2015, , .		26
185	Pure Nash Equilibria in Graphical Games and Treewidth. Algorithmica, 2015, 71, 581-604.	1.0	2
186	On the isomorphism problem for decision trees and decision lists. Theoretical Computer Science, 2015, 590, 38-54.	0.5	6
187	Sitting Closer to Friends than Enemies, Revisited. Theory of Computing Systems, 2015, 56, 394-405.	0.7	7
188	Fast diameter and radius BFS-based computation in (weakly connected) real-world graphs. Theoretical Computer Science, 2015, 586, 59-80.	0.5	35
189	An algorithmic framework for fixed-cardinality optimization in sparse graphs applied to dense subgraph problems. Discrete Applied Mathematics, 2015, 193, 145-161.	0.5	20
190	A complexity and approximation framework for the maximization scaffolding problem. Theoretical Computer Science, 2015, 595, 92-106.	0.5	21
191	Balanced branchings in digraphs. Theoretical Computer Science, 2015, 595, 107-119.	0.5	2
192	On finding optimal polytrees. Theoretical Computer Science, 2015, 592, 49-58.	0.5	1
194	Constructing NP-intermediate problems by blowing holes with parameters of various properties. Theoretical Computer Science, 2015, 581, 67-82.	0.5	3

#	Article	IF	CITATIONS
195	On Sparsification for Computing Treewidth. Algorithmica, 2015, 71, 605-635.	1.0	6
196	Deterministic single exponential time algorithms for connectivity problems parameterized by treewidth. Information and Computation, 2015, 243, 86-111.	0.5	141
197	Lower Bounds for the Graph Homomorphism Problem. Lecture Notes in Computer Science, 2015, , 481-493.	1.0	2
199	Smoothed Complexity Theory. ACM Transactions on Computation Theory, 2015, 7, 1-21.	0.4	1
200	Edit Distance Cannot Be Computed in Strongly Subquadratic Time (unless SETH is false). , 2015, , .		143
201	Complement, Complexity, and Symmetric Representation. International Journal of Foundations of Computer Science, 2015, 26, 557-581.	0.8	2
202	Valued Workflow Satisfiability Problem. , 2015, , .		23
203	Matching Triangles and Basing Hardness on an Extremely Popular Conjecture. , 2015, , .		34
204	A Fast and Simple Subexponential Fixed Parameter Algorithm for One-Sided Crossing Minimization. Algorithmica, 2015, 72, 778-790.	1.0	4
205	Hardness of Approximation for Knapsack Problems. Theory of Computing Systems, 2015, 56, 372-393.	0.7	7
206	On Subexponential and FPT-Time Inapproximability. Algorithmica, 2015, 71, 541-565.	1.0	17
207	Multivariate Algorithmics for Finding Cohesive Subnetworks. Algorithms, 2016, 9, 21.	1.2	30
208	Raising The Bar For V <scp>ertex</scp> C <scp>over</scp> : Fixed-parameter Tractability Above A Higher Guarantee., 2016,,.		12
209	Model and Objective Separation with Conditional Lower Bounds. , 2016, , .		4
210	Approximation and Fixed Parameter Subquadratic Algorithms for Radius and Diameter in Sparse Graphs. , 2016, , .		47
211	Satisfiability on Mixed Instances. , 2016, , .		1
212	Approximate Regular Expression Matching. , 2016, , 99-102.		0
214	On Problems as Hard as CNF-SAT. ACM Transactions on Algorithms, 2016, 12, 1-24.	0.9	52

#	Article	IF	CITATIONS
215	Simulating branching programs with edit distance and friends: or: a polylog shaved is a lower bound made. , 2016 , , .		43
216	Refining complexity analyses in planning by exploiting the exponential time hypothesis. Annals of Mathematics and Artificial Intelligence, 2016, 78, 157-175.	0.9	2
217	Estimating Simple Graph Parameters in Sublinear Time. , 2016, , 650-653.		0
218	Algorithms solving the Matching Cut problem. Theoretical Computer Science, 2016, 609, 328-335.	0.5	19
219	Edit Distance Under Block Operations. , 2016, , 611-614.		0
220	Large-Treewidth Graph Decompositions. , 2016, , 1057-1059.		O
221	The complexity of finding arc-disjoint branching flows. Discrete Applied Mathematics, 2016, 209, 16-26.	0.5	3
222	(Total) Vector domination for graphs with bounded branchwidth. Discrete Applied Mathematics, 2016, 207, 80-89.	0.5	3
223	Known Algorithms for Edge Clique Cover are Probably Optimal. SIAM Journal on Computing, 2016, 45, 67-83.	0.8	42
224	Separating OR, SUM, and XOR circuits. Journal of Computer and System Sciences, 2016, 82, 793-801.	0.9	2
225	Approximate Matching., 2016,, 97-99.		0
226	Abstract Voronoi Diagrams. , 2016, , 5-8.		O
227	Algorithms for Combining Rooted Triplets into a Galled Phylogenetic Network., 2016,, 48-52.		27
228	New Bounds for Approximating Extremal Distances in Undirected Graphs. , 2016, , .		14
229	Polynomial Kernelization for Removing Induced Claws and Diamonds. Lecture Notes in Computer Science, 2016, , 440-455.	1.0	1
230	Parameterized complexity of critical node cuts. Theoretical Computer Science, 2016, 651, 62-75.	0.5	5
231	Graph-Theoretic Concepts in Computer Science. Lecture Notes in Computer Science, 2016, , .	1.0	0
232	Tight Lower Bound for the Channel Assignment Problem. ACM Transactions on Algorithms, 2016, 12, 1-19.	0.9	1

#	ARTICLE	IF	CITATIONS
233	Efficient Computation of Representative Families with Applications in Parameterized and Exact Algorithms. Journal of the ACM, 2016, 63, 1-60.	1.8	117
234	Half-integrality, LP-branching, and FPT Algorithms. SIAM Journal on Computing, 2016, 45, 1377-1411.	0.8	36
235	Resiliency Policies in Access Control Revisited. , 2016, , .		10
236	Algorithmic Mechanism Design. , 2016, , 37-48.		0
237	Approximation Resistance from Pairwise-Independent Subgroups. Journal of the ACM, 2016, 63, 1-32.	1.8	27
238	Active Self-Assembly and Molecular Robotics with Nubots. , 2016, , 13-18.		0
239	Developments in Language Theory. Lecture Notes in Computer Science, 2016, , .	1.0	1
240	Active Learning – Modern Learning Theory. , 2016, , 8-13.		2
241	Approximation Schemes for Planar Graph Problems. , 2016, , 133-137.		0
242	All-Distances Sketches. , 2016, , 59-64.		0
243	Bounding the Running Time of Algorithms for Scheduling and Packing Problems. SIAM Journal on Discrete Mathematics, 2016, 30, 343-366.	0.4	13
244	Lower bounds for the parameterized complexity of Minimum Fill-In and other completion problems. , 2016, , .		5
245	Super-polynomial approximation branching algorithms. RAIRO - Operations Research, 2016, 50, 979-994.	1.0	1
246	Computing Top-k Closeness Centrality Faster in Unweighted Graphs. , 2016, , .		14
247	Approximating Vector Scheduling: Almost Matching Upper and Lower Bounds. Algorithmica, 2016, 76, 1077-1096.	1.0	15
248	All Pairs Shortest Paths in Sparse Graphs. , 2016, , 52-55.		1
249	Hypertree Decompositions. , 2016, , .		45
250	Into the Square: On the Complexity of Some Quadratic-time Solvable Problems. Electronic Notes in Theoretical Computer Science, 2016, 322, 51-67.	0.9	35

#	Article	IF	Citations
251	Lower Bounds for Dynamic Connectivity., 2016,, 1162-1167.		2
252	On the Computational Complexity of Vertex Integrity and Component Order Connectivity. Algorithmica, 2016, 76, 1181-1202.	1.0	63
254	Subexponential fixed-parameter algorithms for partial vector domination. Discrete Optimization, 2016, 22, 111-121.	0.6	2
255	Abelian Hidden Subgroup Problem. , 2016, , 1-5.		1
256	Approximate Distance Oracles with Improved Query Time. , 2016, , 94-97.		1
257	On the Parameterised Complexity of String Morphism Problems. Theory of Computing Systems, 2016, 59, 24-51.	0.7	16
258	Nondeterministic Extensions of the Strong Exponential Time Hypothesis and Consequences for Non-reducibility. , $2016, \ldots$		64
259	The Relative Exponential Time Complexity of Approximate Counting Satisfying Assignments. Algorithmica, 2016, 75, 339-362.	1.0	1
260	Tight lower bounds for the Workflow Satisfiability Problem based on the Strong Exponential Time Hypothesis. Information Processing Letters, 2016, 116, 223-226.	0.4	11
261	On the hardness of labeled correlation clustering problem: A parameterized complexity view. Theoretical Computer Science, 2016, 609, 583-593.	0.5	3
262	\$\$mathrm {3SUM}\$\$ 3 SUM , \$\$mathrm {3XOR}\$\$ 3 XOR , Triangles. Algorithmica, 2016, 74, 326-343.	1.0	10
263	Algorithms and Almost Tight Results for \$\$3\$\$ 3 -Colorability of Small Diameter Graphs. Algorithmica, 2016, 74, 385-414.	1.0	10
264	On the Parameterized Complexity of Reconfiguration Problems. Algorithmica, 2017, 78, 274-297.	1.0	32
265	The Graph Motif problem parameterized by the structure of the input graph. Discrete Applied Mathematics, 2017, 231, 78-94.	0.5	10
266	Fixed-parameter algorithms for DAG Partitioning. Discrete Applied Mathematics, 2017, 220, 134-160.	0.5	3
267	Courcelle's theorem for triangulations. Journal of Combinatorial Theory - Series A, 2017, 146, 264-294.	0.5	3
268	An initial study of time complexity in infinite-domain constraint satisfaction. Artificial Intelligence, 2017, 245, 115-133.	3.9	6
269	Parameterized complexity classes beyond para-NP. Journal of Computer and System Sciences, 2017, 87, 16-57.	0.9	5

#	Article	IF	CITATIONS
270	The Top Eight Misconceptions about NP-Hardness. Computer, 2017, 50, 72-79.	1.2	7
271	Algorithmic Aspects of the Maximum Colorful Arborescence Problem. Lecture Notes in Computer Science, 2017, , 216-230.	1.0	0
272	Minimum Fill-In: Inapproximability and Almost Tight Lower Bounds. , 2017, , .		0
273	Coloring Graphs with Constraints on Connectivity. Journal of Graph Theory, 2017, 85, 814-838.	0.5	7
274	On optimal approximability results for computing the strong metric dimension. Discrete Applied Mathematics, 2017, 221, 18-24.	0.5	6
275	Narrow sieves for parameterized paths and packings. Journal of Computer and System Sciences, 2017, 87, 119-139.	0.9	36
276	Dealing with 4-variables by resolution: An improved MaxSAT algorithm. Theoretical Computer Science, 2017, 670, 33-44.	0.5	6
277	Sparsification Upper and Lower Bounds for Graph Problems and Not-All-Equal SAT. Algorithmica, 2017, 79, 3-28.	1.0	10
278	Combinatorial Optimization and Graph Algorithms. , 2017, , .		0
279	Settling the complexity of computing approximate two-player Nash equilibria., 2017, 15, 45-49.		1
280	Lossy kernelization., 2017,,.		31
281	Stable Marriage with Covering Constraints–A Complete Computational Trichotomy. Lecture Notes in Computer Science, 2017, , 320-332.	1.0	8
282	Hitting forbidden subgraphs in graphs of bounded treewidth. Information and Computation, 2017, 256, 62-82.	0.5	5
283	Covering problems for partial words and for indeterminate strings. Theoretical Computer Science, 2017, 698, 25-39.	0.5	7
284	On the complexity of various parameterizations of common induced subgraph isomorphism. Theoretical Computer Science, 2017, 697, 69-78.	0.5	5
285	An FPT Algorithm and a Polynomial Kernel for Linear Rankwidth-1 Vertex Deletion. Algorithmica, 2017, 79, 66-95.	1.0	4
286	Parameterized Complexity Dichotomy for (r, â,,")-Vertex Deletion. Theory of Computing Systems, 2017, 61, 777-794.	0.7	2
287	Maximum Minimal Vertex Cover Parameterized by Vertex Cover. SIAM Journal on Discrete Mathematics, 2017, 31, 2440-2456.	0.4	11

#	Article	IF	CITATIONS
289	Polynomial Kernelization for Removing Induced Claws and Diamonds. Theory of Computing Systems, 2017, 60, 615-636.	0.7	8
290	Parameterized Complexity of Directed Steiner Tree on Sparse Graphs. SIAM Journal on Discrete Mathematics, 2017, 31, 1294-1327.	0.4	8
291	Strong partial clones and the time complexity of SAT problems. Journal of Computer and System Sciences, 2017, 84, 52-78.	0.9	15
292	A tight lower bound for Vertex Planarization on graphs of bounded treewidth. Discrete Applied Mathematics, 2017, 231, 211-216.	0.5	5
293	Characterization and complexity results on jumping finite automata. Theoretical Computer Science, 2017, 679, 31-52.	0.5	22
294	A subexponential-time algorithm for the Maximum Independent Set Problem in <mml:math altimg="si1.gif" display="inline" overflow="scroll" xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>P</mml:mi></mml:mrow><mml:mrow><mml:mi>t<td>ni⁰:5/mml:</td><td>:m15w></td></mml:mi></mml:mrow></mml:msub></mml:math>	ni ⁰ :5/mml:	:m 1 5w>
295	Multivariate Complexity Analysis of Geometric Red Blue Set Cover. Algorithmica, 2017, 79, 667-697.	1.0	4
296	Polynomial kernels for weighted problems. Journal of Computer and System Sciences, 2017, 84, 1-10.	0.9	19
297	Approximation Algorithms for Polynomial-Expansion and Low-Density Graphs. SIAM Journal on Computing, 2017, 46, 1712-1744.	0.8	23
298	Fine-Grained Complexity of Analyzing Compressed Data: Quantifying Improvements over Decompress-and-Solve., 2017,,.		7
299	Ruling out FPT algorithms for Weighted Coloring on forests. Electronic Notes in Discrete Mathematics, 2017, 62, 195-200.	0.4	0
301	Problems on Finite Automata and the Exponential Time Hypothesis. Algorithms, 2017, 10, 24.	1.2	18
302	The bi-objective workflow satisfiability problem and workflow resiliency1. Journal of Computer Security, 2017, 25, 83-115.	0.5	17
303	A Dichotomy for Regular Expression Membership Testing. , 2017, , .		16
304	From Gap-ETH to FPT-Inapproximability: Clique, Dominating Set, and More. , 2017, , .		27
305	Finding Points in General Position. International Journal of Computational Geometry and Applications, 2017, 27, 277-296.	0.3	16
306	Almost-polynomial ratio ETH-hardness of approximating densest k-subgraph. , 2017, , .		74
307	Maximum Scatter TSP in Doubling Metrics. , 2017, , .		6

#	Article	IF	CITATIONS
308	Fully polynomial-time parameterized computations for graphs and matrices of low treewidth. , 2017, , .		6
310	On the optimality of exact and approximation algorithms for scheduling problems. Journal of Computer and System Sciences, 2018, 96, 1-32.	0.9	5
311	Complexity of Grundy coloring and its variants. Discrete Applied Mathematics, 2018, 243, 99-114.	0.5	7
312	Viable Algorithmic Options for Designing Reactive Robot Swarms. ACM Transactions on Autonomous and Adaptive Systems, 2018, 13, 1-23.	0.4	5
313	Scaffolding Problems Revisited: Complexity, Approximation and Fixed Parameter Tractable Algorithms, and Some Special Cases. Algorithmica, 2018, 80, 1771-1803.	1.0	8
314	Known Algorithms on Graphs of Bounded Treewidth Are Probably Optimal. ACM Transactions on Algorithms, 2018, 14, 1-30.	0.9	25
315	Tight Running Time Lower Bounds for Vertex Deletion Problems. ACM Transactions on Computation Theory, 2018, 10, 1-18.	0.4	6
316	Excluded Grid Minors and Efficient Polynomial-Time Approximation Schemes. Journal of the ACM, 2018, 65, 1-44.	1.8	37
317	Kernels for (Connected) Dominating Set on Graphs with Excluded Topological Minors. ACM Transactions on Algorithms, 2018, 14, 1-31.	0.9	7
318	Linear Time Parameterized Algorithms for S <scp>ubset</scp> F <scp>eedback</scp> V <scp>ertex</scp> S <scp>et</scp> . ACM Transactions on Algorithms, 2018, 14, 1-37.	0.9	7
319	On residual approximation in solution extension problems. Journal of Combinatorial Optimization, 2018, 36, 1195-1220.	0.8	3
320	Fixing improper colorings of graphs. Theoretical Computer Science, 2018, 711, 66-78.	0.5	2
321	A Polynomial Kernel for Trivially Perfect Editing. Algorithmica, 2018, 80, 3481-3524.	1.0	10
322	On the (adjacency) metric dimension of corona and strong product graphs and their local variants: Combinatorial and computational results. Discrete Applied Mathematics, 2018, 236, 183-202.	0.5	25
323	Complexity of Token Swapping and Its Variants. Algorithmica, 2018, 80, 2656-2682.	1.0	13
324	Linear Kernels and Linear-Time Algorithms for Finding Large Cuts. Algorithmica, 2018, 80, 2574-2615.	1.0	9
325	Multivariate Fine-Grained Complexity of Longest Common Subsequence. , 2018, , 1216-1235.		13
326	Combinatorial Algorithms. Lecture Notes in Computer Science, 2018, , .	1.0	129

#	Article	IF	Citations
327	Threesomes, Degenerates, and Love Triangles. Journal of the ACM, 2018, 65, 1-25.	1.8	20
328	Fast Hamiltonicity Checking Via Bases of Perfect Matchings. Journal of the ACM, 2018, 65, 1-46.	1.8	18
329	Computational complexity of distance edge labeling. Discrete Applied Mathematics, 2018, 246, 80-98.	0.5	2
330	Bounded-Depth Succinct Encodings and the Structure they Imply on Graphs. Theory of Computing Systems, 2018, 62, 1125-1143.	0.7	0
331	Improved integrality gap upper bounds for traveling salesperson problems with distances one and two. European Journal of Operational Research, 2018, 266, 436-457.	3.5	2
332	Parameterized algorithms for recognizing monopolar and 2-subcolorable graphs. Journal of Computer and System Sciences, 2018, 92, 22-47.	0.9	3
333	Time-approximation trade-offs for inapproximable problems. Journal of Computer and System Sciences, 2018, 92, 171-180.	0.9	9
334	The Ordered Covering Problem. Algorithmica, 2018, 80, 2874-2908.	1.0	0
335	Sparsification and subexponential approximation. Acta Informatica, 2018, 55, 1-15.	0.5	3
336	Algorithms, kernels and lower bounds for the Flood-It game parameterized by the vertex cover number. Discrete Applied Mathematics, 2018, 245, 94-100.	0.5	0
337	On the Complexity of Solving Restricted Word Equations. International Journal of Foundations of Computer Science, 2018, 29, 893-909.	0.8	3
338	Complexity and lowers bounds for Power Edge Set Problem. Journal of Discrete Algorithms, 2018, 52-53, 70-91.	0.7	3
339	Hardness Magnification for Natural Problems. , 2018, , .		11
340	On the parameterized complexity of approximating dominating set. , 2018, , .		10
341	Extensor-coding., 2018,,.		7
342	Fine-grained reductions from approximate counting to decision. , 2018, , .		5
343	Some Open Problems in Fine-Grained Complexity. ACM SIGACT News, 2018, 49, 29-35.	0.1	2
344	Simultaneous Feedback Vertex Set. ACM Transactions on Computation Theory, 2018, 10, 1-25.	0.4	5

#	Article	IF	Citations
345	String Processing and Information Retrieval. Lecture Notes in Computer Science, 2018, , .	1.0	2
346	Network Sparsification for Steiner Problems on Planar and Bounded-Genus Graphs. ACM Transactions on Algorithms, 2018, 14, 1-73.	0.9	14
347	What Is Known About Vertex Cover Kernelization?. Lecture Notes in Computer Science, 2018, , 330-356.	1.0	8
348	On the Fine-Grained Complexity of Rainbow Coloring. SIAM Journal on Discrete Mathematics, 2018, 32, 1672-1705.	0.4	4
349	A Randomized Polynomial Kernelization for Vertex Cover with a Smaller Parameter. SIAM Journal on Discrete Mathematics, 2018, 32, 1806-1839.	0.4	7
351	Slightly Superexponential Parameterized Problems. SIAM Journal on Computing, 2018, 47, 675-702.	0.8	32
352	Set Similarity Search for Skewed Data. , 2018, , .		6
353	Degrees of Separation and Diameter in Large Graphs. , 2018, , 1-7.		O
354	Matching Triangles and Basing Hardness on an Extremely Popular Conjecture. SIAM Journal on Computing, 2018, 47, 1098-1122.	0.8	15
355	A Faster Subquadratic Algorithm for Finding Outlier Correlations. ACM Transactions on Algorithms, 2018, 14, 1-26.	0.9	4
356	Edit Distance Cannot Be Computed in Strongly Subquadratic Time (Unless SETH is False). SIAM Journal on Computing, 2018, 47, 1087-1097.	0.8	31
357	Subtree Isomorphism Revisited. ACM Transactions on Algorithms, 2018, 14, 1-23.	0.9	7
358	Inapproximability of Maximum Biclique Problems, Minimum k-Cut and Densest At-Least-k-Subgraph from the Small Set Expansion Hypothesis. Algorithms, 2018, 11, 10.	1.2	30
359	A note on hardness of diameter approximation. Information Processing Letters, 2018, 133, 10-15.	0.4	2
360	Exact Algorithms for Terrain Guarding. ACM Transactions on Algorithms, 2018, 14, 1-20.	0.9	12
361	Structural Parameterizations of Undirected Feedback Vertex Set: FPT Algorithms and Kernelization. Algorithmica, 2018, 80, 2683-2724.	1.0	5
363	Subexponential Parameterized Algorithm for I <scp>nterval</scp> C <scp>ompletion</scp> . ACM Transactions on Algorithms, 2018, 14, 1-62.	0.9	5
364	Conditional Lower Bounds for All-Pairs Max-Flow. ACM Transactions on Algorithms, 2018, 14, 1-15.	0.9	7

#	Article	IF	CITATIONS
365	Block interpolation: A framework for tight exponential-time counting complexity. Information and Computation, 2018, 261, 265-280.	0.5	7
366	A single-exponential fixed-parameter algorithm for distance-hereditary vertex deletion. Journal of Computer and System Sciences, 2018, 97, 121-146.	0.9	6
367	Exploring the Complexity of Layout Parameters in Tournaments and Semicomplete Digraphs. ACM Transactions on Algorithms, 2018, 14 , 1 -31.	0.9	3
368	Dynamic Time Warping and Geometric Edit Distance. ACM Transactions on Algorithms, 2018, 14, 1-17.	0.9	45
369	Ruling out FPT algorithms for Weighted Coloring on forests. Theoretical Computer Science, 2018, 729, 11-19.	0.5	4
370	Strong triadic closure in cographs and graphs of low maximum degree. Theoretical Computer Science, 2018, 740, 76-84.	0.5	8
371	Directed Multicut is $W[1]$ -hard, Even for Four Terminal Pairs. ACM Transactions on Computation Theory, 2018, 10, 1-18.	0.4	14
372	Towards tight approximation bounds for graph diameter and eccentricities. , 2018, , .		20
373	Fully Polynomial-Time Parameterized Computations for Graphs and Matrices of Low Treewidth. ACM Transactions on Algorithms, 2018, 14, 1-45.	0.9	28
374	Fixed-Parameter Approximations for k-Center Problems in Low Highway Dimension Graphs. Algorithmica, 2019, 81, 1031-1052.	1.0	12
375	Aspects of upper defensive alliances. Discrete Applied Mathematics, 2019, 266, 111-120.	0.5	3
376	A substring–substring LCS data structure. Theoretical Computer Science, 2019, 753, 16-34.	0.5	7
377	Computing Maximum Independent Set on Outerstring Graphs and Their Relatives. Lecture Notes in Computer Science, 2019, , 211-224.	1.0	3
378	On the Parameterized Complexity of Approximating Dominating Set. Journal of the ACM, 2019, 66, 1-38.	1.8	9
379	Deleting Vertices to Graphs of Bounded Genus. Algorithmica, 2019, 81, 3655-3691.	1.0	11
380	Algorithmic Aspects in Information and Management. Lecture Notes in Computer Science, 2019, , .	1.0	0
381	Maximal common subsequence algorithms. Theoretical Computer Science, 2019, 793, 132-139.	0.5	3
382	Exponential Time Approximation Scheme for TSP. Lecture Notes in Computer Science, 2019, , 121-128.	1.0	0

#	Article	IF	CITATIONS
383	A Tight Lower Bound for Planar Steiner Orientation. Algorithmica, 2019, 81, 3200-3216.	1.0	3
384	Structural parameters, tight bounds, and approximation for <mml:math altimg="si18.gif" display="inline" id="d1e529" overflow="scroll" xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mo><mml:mo><mml:mi>r<, Discrete Applied Mathematics, 2019, 264, 90-117.</mml:mi></mml:mo></mml:mo></mml:mrow></mml:math>	/mml:mi><	mml:mo>)<
385	Split Contraction. ACM Transactions on Computation Theory, 2019, 11, 1-22.	0.4	5
386	Routing with congestion in acyclic digraphs. Information Processing Letters, 2019, 151, 105836.	0.4	2
387	Bounded depth circuits with weighted symmetric gates: Satisfiability, lower bounds and compression. Journal of Computer and System Sciences, 2019, 105, 87-103.	0.9	1
389	New Tools and Connections for Exponential-Time Approximation. Algorithmica, 2019, 81, 3993-4009.	1.0	5
390	An EPTAS for Scheduling on Unrelated Machines of Few Different Types. Algorithmica, 2019, 81, 4134-4164.	1.0	7
393	Tractability of König edge deletion problems. Theoretical Computer Science, 2019, 796, 207-215.	0.5	2
394	Computing top- <i>k</i> Closeness Centrality Faster in Unweighted Graphs. ACM Transactions on Knowledge Discovery From Data, 2019, 13, 1-40.	2.5	17
395	A time- and space-optimal algorithm for the many-visits TSP. , 2019, , 1770-1782.		3
396	Algorithms and Complexity Results for the Capacitated Vertex Cover Problem. Lecture Notes in Computer Science, 2019, , 473-489.	1.0	1
397	On the Complexity Landscape of Connected f-Factor Problems. Algorithmica, 2019, 81, 2606-2632.	1.0	0
398	Parameterized Complexity of Diameter. Lecture Notes in Computer Science, 2019, , 50-61.	1.0	3
399	On the parameterized complexity of the geodesic hull number. Theoretical Computer Science, 2019, 791, 10-27.	0.5	3
401	Computer Science – Theory and Applications. Lecture Notes in Computer Science, 2019, , .	1.0	0
402	Tight Lower Bounds for the Complexity of Multicoloring. ACM Transactions on Computation Theory, 2019, 11, 1-19.	0.4	4
403	Logic Programming and Nonmonotonic Reasoning. Lecture Notes in Computer Science, 2019, , .	1.0	7
404	Algorithms and Complexity. Lecture Notes in Computer Science, 2019, , .	1.0	0

#	Article	IF	CITATIONS
405	Subquadratic Algorithms for Succinct Stable Matching. Algorithmica, 2019, 81, 2991-3024.	1.0	2
406	Domination When the Stars Are Out. ACM Transactions on Algorithms, 2019, 15, 1-90.	0.9	10
407	Parameterized aspects of triangle enumeration. Journal of Computer and System Sciences, 2019, 103, 61-77.	0.9	7
408	Modern Aspects of Complexity Within Formal Languages. Lecture Notes in Computer Science, 2019, , 3-30.	1.0	3
409	Data Provenance for Big Data Security and Accountability. , 2019, , 568-573.		0
410	Longest Common Substring with Approximately k Mismatches. Algorithmica, 2019, 81, 2633-2652.	1.0	6
411	Optimality Program in Segment and String Graphs. Algorithmica, 2019, 81, 3047-3073.	1.0	7
412	Subexponential-Time Algorithms for Maximum Independent Set in \$\$P_t\$\$ Pt-Free and Broom-Free Graphs. Algorithmica, 2019, 81, 421-438.	1.0	18
413	Finding, Hitting and Packing Cycles in Subexponential Time on Unit Disk Graphs. Discrete and Computational Geometry, 2019, 62, 879-911.	0.4	3
414	KADABRA is an ADaptive Algorithm for Betweenness via Random Approximation. Journal of Experimental Algorithmics, 2019, 24, 1-35.	0.7	24
415	Tight Conditional Lower Bounds for Longest Common Increasing Subsequence. Algorithmica, 2019, 81, 3968-3992.	1.0	1
416	Weighted proper orientations of trees and graphs of bounded treewidth. Theoretical Computer Science, 2019, 771, 39-48.	0.5	7
417	Exact algorithms for finding well-connected 2-clubs in sparse real-world graphs: Theory and experiments. European Journal of Operational Research, 2019, 275, 846-864.	3.5	6
418	The Workflow Satisfiability Problem with User-Independent Constraints. , 2019, , .		1
419	Rank Vertex Cover as a Natural Problem for Algebraic Compression. SIAM Journal on Discrete Mathematics, 2019, 33, 1277-1296.	0.4	1
420	SETH-Hardness of Coding Problems. , 2019, , .		2
421	Computing the chromatic number using graph decompositions via matrix rank. Theoretical Computer Science, 2019, 795, 520-539.	0.5	2
422	Knapsack problems: A parameterized point of view. Theoretical Computer Science, 2019, 775, 93-108.	0.5	7

#	Article	IF	Citations
423	Clique-width III. ACM Transactions on Algorithms, 2019, 15, 1-27.	0.9	7
424	When Can Graph Hyperbolicity be Computed in Linear Time?. Algorithmica, 2019, 81, 2016-2045.	1.0	2
425	Fine-Grained Dichotomies for the Tutte Plane and Boolean #CSP. Algorithmica, 2019, 81, 541-556.	1.0	2
426	Temporal vertex cover with a sliding time window. Journal of Computer and System Sciences, 2020, 107, 108-123.	0.9	34
427	Parameterized complexity of fair deletion problems. Discrete Applied Mathematics, 2020, 278, 51-61.	0.5	5
428	On the Parameterized Complexity of Graph Modification to First-Order Logic Properties. Theory of Computing Systems, 2020, 64, 251-271.	0.7	5
429	Efficient algorithms for measuring the funnel-likeness of DAGs. Journal of Combinatorial Optimization, 2020, 39, 216-245.	0.8	7
430	Parameterized algorithms and data reduction for the short secluded s ―t â€path problem. Networks, 2020, 75, 34-63.	1.6	5
431	Hitting minors on bounded treewidth graphs. III. Lower bounds. Journal of Computer and System Sciences, 2020, 109, 56-77.	0.9	5
432	Structurally parameterized d-scattered set. Discrete Applied Mathematics, 2020, , .	0.5	3
433	Parameterized Complexity of Min-Power Asymmetric Connectivity. Theory of Computing Systems, 2020, 64, 1158-1182.	0.7	4
434	Finer Tight Bounds for Coloring on Clique-Width. SIAM Journal on Discrete Mathematics, 2020, 34, 1538-1558.	0.4	5
435	Hitting Minors on Bounded Treewidth Graphs. I. General Upper Bounds. SIAM Journal on Discrete Mathematics, 2020, 34, 1623-1648.	0.4	8
436	Parameterized (Approximate) Defective Coloring. SIAM Journal on Discrete Mathematics, 2020, 34, 1084-1106.	0.4	3
437	On the complexity of detecting hazards. Information Processing Letters, 2020, 162, 105980.	0.4	1
438	Path Contraction Faster than \$2^n\$. SIAM Journal on Discrete Mathematics, 2020, 34, 1302-1325.	0.4	5
439	Explicit Lower Bounds on Strong Quantum Simulation. IEEE Transactions on Information Theory, 2020, 66, 5585-5600.	1.5	11
440	From Gap-Exponential Time Hypothesis to Fixed Parameter Tractable Inapproximability: Clique, Dominating Set, and More. SIAM Journal on Computing, 2020, 49, 772-810.	0.8	6

#	Article	IF	Citations
441	On the exact complexity of polyomino packing. Theoretical Computer Science, 2020, 839, 13-20.	0.5	0
442	A Systematic Review of Hyper-Heuristics on Combinatorial Optimization Problems. IEEE Access, 2020, 8, 128068-128095.	2.6	38
443	Comparing temporal graphs using dynamic time warping. Social Network Analysis and Mining, 2020, 10, 1.	1.9	2
444	Default logic and bounded treewidth. Information and Computation, 2020, , 104675.	0.5	1
445	Backdoors into Two Occurrences. Journal of Satisfiability, Boolean Modeling and Computation, 2020, 12, 1-15.	1.2	0
446	The Optimal Design of Low-Latency Virtual Backbones. INFORMS Journal on Computing, 0, , .	1.0	2
447	Parameterized Complexity and Approximability of Directed Odd Cycle Transversal., 2020,, 2181-2200.		19
448	The Inverse Voronoi Problem in Graphs I: Hardness. Algorithmica, 2020, 82, 3018-3040.	1.0	3
449	Tight Bounds for Planar Strongly Connected Steiner Subgraph with Fixed Number of Terminals (and) Tj ETQq0 0	0 rgBT /0	verlock 10 Tf
450	Subexponential algorithm for d-cluster edge deletion: Exception or rule?. Journal of Computer and System Sciences, 2020, 113, 150-162.	0.9	6
451	Parameterized Orientable Deletion. Algorithmica, 2020, 82, 1909-1938.	1.0	0
452	Parsimonious formulations for low-diameter clusters. Mathematical Programming Computation, 2020, 12, 493-528.	3.2	8
453	Complexity Theory, Game Theory, and Economics: The Barbados Lectures. Foundations and Trends in Theoretical Computer Science, 2020, 14, 222-407.	2.0	2
454	A Survey on Approximation in Parameterized Complexity: Hardness and Algorithms. Algorithms, 2020, 13, 146.	1.2	23
455	On Cycle Transversals and Their Connected Variants in the Absence of a Small Linear Forest. Algorithmica, 2020, 82, 2841-2866.	1.0	10
456	On Closest Pair in Euclidean Metric: Monochromatic is as Hard as Bichromatic. Combinatorica, 2020, 40, 539-573.	0.6	5
457	Hitting minors on bounded treewidth graphs. II. Single-exponential algorithms. Theoretical Computer Science, 2020, 814, 135-152.	0.5	5
458	Dual Parameterization of Weighted Coloring. Algorithmica, 2020, 82, 2316-2336.	1.0	1

#	Article	IF	Citations
459	Approximation and Online Algorithms. Lecture Notes in Computer Science, 2020, , .	1.0	O
460	Why Did the Shape of Your Network Change? (On Detecting Network Anomalies via Non-local) Tj ETQq1 1 0.784	4314 rgBT 1.0	/Oyerlock 10
461	On the computational complexity of length- and neighborhood-constrained path problems. Information Processing Letters, 2020, 156, 105913.	0.4	3
462	Minimum fill-in: Inapproximability and almost tight lower bounds. Information and Computation, 2020, 271, 104514.	0.5	5
463	Fine-grained complexity of graph homomorphism problem for bounded-treewidth graphs. , 2020, , 1578-1590.		1
464	On the Complexity of Finding Internally Vertex-Disjoint Long Directed Paths. Algorithmica, 2020, 82, 1616-1639.	1.0	1
465	Stable Matchings with Covering Constraints: A Complete Computational Trichotomy. Algorithmica, 2020, 82, 1136-1188.	1.0	7
466	On the Distance Identifying Set Meta-problem and Applications to the Complexity of Identifying Problems on Graphs. Algorithmica, 2020, 82, 2243-2266.	1.0	0
467	Multivariate Analysis of Orthogonal Range Searching and Graph Distances. Algorithmica, 2020, 82, 2292-2315.	1.0	8
469	Revenue maximization in Stackelberg Pricing Games: beyond the combinatorial setting. Mathematical Programming, 2021, 187, 653-695.	1.6	7
470	Simultaneous Feedback Edge Set: A Parameterized Perspective. Algorithmica, 2021, 83, 753-774.	1.0	2
471	Parameterized k-Clustering: Tractability island. Journal of Computer and System Sciences, 2021, 117, 50-74.	0.9	4
472	Matching Cut in Graphs with Large Minimum Degree. Algorithmica, 2021, 83, 1238-1255.	1.0	9
473	On Structural Parameterizations of the Bounded-Degree Vertex Deletion Problem. Algorithmica, 2021, 83, 297-336.	1.0	14
474	The Double Exponential Runtime is Tight for 2-Stage Stochastic ILPs. Lecture Notes in Computer Science, 2021, , 297-310.	1.0	3
475	The Maximum Colorful Arborescence problem: How (computationally) hard can it be?. Theoretical Computer Science, 2021, 852, 104-120.	0.5	O
476	Parameterized Analysis of Assignment Under Multiple Preferences. Lecture Notes in Computer Science, 2021, , 160-177.	1.0	4
477	On Minimizing Regular Expressions Without Kleene Star. Lecture Notes in Computer Science, 2021, , 245-258.	1.0	0

#	ARTICLE	IF	Citations
478	Fine-Grained Complexity of the Graph Homomorphism Problem for Bounded-Treewidth Graphs. SIAM Journal on Computing, 2021, 50, 487-508.	0.8	5
479	Invited Talks. Lecture Notes in Computer Science, 2021, , 3-19.	1.0	1
480	Fine-grained Complexity Analysis of Two Classic TSP Variants. ACM Transactions on Algorithms, 2021, 17, 1-29.	0.9	5
482	On the Copy Complexity of Width 3 Horn Constraint Systems. Lecture Notes in Computer Science, 2021, , 63-78.	1.0	1
483	Parameterized Complexity of Conflict-Free Set Cover. Theory of Computing Systems, 2021, 65, 515-540.	0.7	2
484	Fine-grained hardness of CVP(P)â€"Everything that we can prove (and nothing else). , 2021, , 1816-1835.		9
485	On Hardness of Approximation of Parameterized Set Cover and Label Cover: Threshold Graphs from Error Correcting Codes., 2021,, 210-223.		0
486	Nearly Optimal Average-Case Complexity of Counting Bicliques Under SETH., 2021,, 2346-2365.		5
487	Metric Dimension Parameterized By Treewidth. Algorithmica, 2021, 83, 2606-2633.	1.0	3
488	The Hierarchical Chinese Postman Problem: The slightest disorder makes it hard, yet disconnectedness is manageable. Operations Research Letters, 2021, 49, 270-277.	0.5	5
489	On the approximability of robust network design. Theoretical Computer Science, 2021, 860, 41-50.	0.5	2
490	Fine-Grained Time Complexity of Constraint Satisfaction Problems. ACM Transactions on Computation Theory, 2021, 13, 1-32.	0.4	4
491	EPTAS and Subexponential Algorithm for Maximum Clique on Disk and Unit Ball Graphs. Journal of the ACM, 2021, 68, 1-38.	1.8	4
492	Obtaining a Proportional Allocation by Deleting Items. Algorithmica, 2021, 83, 1559-1603.	1.0	0
493	Beating Treewidth for Average-Case Subgraph Isomorphism. Algorithmica, 2021, 83, 2521-2551.	1.0	1
494	Soft clustering-based scenario bundling for a progressive hedging heuristic in stochastic service network design. Computers and Operations Research, 2021, 128, 105182.	2.4	10
495	Subexponential Parameterized Algorithms and Kernelization on Almost Chordal Graphs. Algorithmica, 2021, 83, 2170-2214.	1.0	2
496	A unifying model for locally constrained spanning tree problems. Journal of Combinatorial Optimization, 2021, 42, 125-150.	0.8	1

#	Article	IF	CITATIONS
497	Producing Genomic Sequences after Genome Scaffolding with Ambiguous Paths: Complexity, Approximation and Lower Bounds. Algorithmica, 2021, 83, 2063-2095.	1.0	0
498	On the Complexity of Finding Large Odd Induced Subgraphs and Odd Colorings. Algorithmica, 2021, 83, 2351-2373.	1.0	2
499	A faster diameter problem algorithm for a chordal graph, with a connection to its center problem. Discrete Mathematics, 2021, 344, 112326.	0.4	0
500	Parameterized Algorithms for Power-Efficiently Connecting Wireless Sensor Networks: Theory and Experiments. INFORMS Journal on Computing, 2022, 34, 55-75.	1.0	2
501	Tight conditional lower bounds for approximating diameter in directed graphs., 2021,,.		5
502	Average-case hardness of NP from exponential worst-case hardness assumptions. , 2021, , .		6
503	Finding Temporal Paths Under Waiting Time Constraints. Algorithmica, 2021, 83, 2754-2802.	1.0	21
504	Destroying Bicolored \$P_3\$s by Deleting Few Edges. Discrete Mathematics and Theoretical Computer Science, 2021, vol. 23 no. 1, .	0.1	0
505	Modern Lower Bound Techniques in Database Theory and Constraint Satisfaction. , 2021, , .		1
506	Settling SETH vs. approximate sparse directed unweighted diameter (up to (NU)NSETH). , 2021, , .		4
507	Parameterized Approximation Algorithms for Bidirected Steiner Network Problems. ACM Transactions on Algorithms, 2021, 17, 1-68.	0.9	3
508	Constant approximating k-clique is w[1]-hard. , 2021, , .		3
509	Computation of Hadwiger Number and Related Contraction Problems. ACM Transactions on Computation Theory, 2021, 13, 1-25.	0.4	0
510	k-Approximate Quasiperiodicity Under Hamming and Edit Distance. Algorithmica, 0, , 1.	1.0	0
511	Fine-Grained Reductions from Approximate Counting to Decision. ACM Transactions on Computation Theory, 2021, 13, 1-24.	0.4	4
512	Optimal Virtual Network Embeddings for Tree Topologies. , 2021, , .		1
513	Almost Tight Lower Bounds for Hard Cutting Problems in Embedded Graphs. Journal of the ACM, 2021, 68, 1-26.	1.8	0
514	Recognizing k-Clique Extendible Orderings. Algorithmica, 2021, 83, 3338.	1.0	0

#	Article	IF	Citations
515	A primal–dual approximation algorithm for Minsat. Discrete Applied Mathematics, 2022, 319, 372-381.	0.5	1
516	Simple Yet Efficient Algorithms for Maximum Inner Product Search via Extreme Order Statistics. , 2021, , .		2
517	Decomposition-Guided Reductions for Argumentation and Treewidth., 2021,,.		3
518	A note on the fine-grained complexity of MIS on regular graphs. Information Processing Letters, 2021, 170, 106123.	0.4	O
519	The exponential-time hypothesis and the relative complexity of optimization and logical reasoning problems. Theoretical Computer Science, $2021, \ldots$	0.5	1
520	Reducing graph transversals via edge contractions. Journal of Computer and System Sciences, 2021, 120, 62-74.	0.9	2
521	Your rugby mates don't need to know your colleagues: Triadic closure with edge colors. Journal of Computer and System Sciences, 2021, 120, 75-96.	0.9	1
522	Approximation and hardness of Shift-Bribery. Artificial Intelligence, 2021, 298, 103520.	3.9	4
523	Many-visits TSP revisited. Journal of Computer and System Sciences, 2022, 124, 112-128.	0.9	3
524	Sliding window temporal graph coloring. Journal of Computer and System Sciences, 2021, 120, 97-115.	0.9	9
525	Measuring what matters: A hybrid approach to dynamic programming with treewidth. Journal of Computer and System Sciences, 2021, 121, 57-75.	0.9	2
526	Waypoint routing on bounded treewidth graphs. Information Processing Letters, 2022, 173, 106165.	0.4	O
527	The Perfect Matching Cut Problem Revisited. Lecture Notes in Computer Science, 2021, , 182-194.	1.0	0
528	More Applications of the \$d\$-Neighbor Equivalence: Acyclicity and Connectivity Constraints. SIAM Journal on Discrete Mathematics, 2021, 35, 1881-1926.	0.4	5
529	A Tight Lower Bound for Edge-Disjoint Paths on Planar DAGs. Lecture Notes in Computer Science, 2021, , 187-201.	1.0	1
530	A Multistage View on 2-Satisfiability. Lecture Notes in Computer Science, 2021, , 231-244.	1.0	3
531	Packing Arc-Disjoint Cycles in Tournaments. Algorithmica, 2021, 83, 1393-1420.	1.0	6
532	Voronoi Diagrams on Planar Graphs, and Computing the Diameter in Deterministic \$ilde{O}(n^{5/3})\$ Time. SIAM Journal on Computing, 2021, 50, 509-554.	0.8	5

#	ARTICLE	IF	CITATIONS
533	Toward Tight Approximation Bounds for Graph Diameter and Eccentricities. SIAM Journal on Computing, 2021, 50, 1155-1199.	0.8	4
536	W-Hardness Under Linear FPT-Reductions: Structural Properties and Further Applications. Lecture Notes in Computer Science, 2005, , 975-984.	1.0	8
537	Solving the Maximum Agreement SubTree and the Maximum Compatible Tree Problems on Many Bounded Degree Trees. Lecture Notes in Computer Science, 2006, , 165-176.	1.0	4
538	On the Minimum Corridor Connection Problem and Other Generalized Geometric Problems. Lecture Notes in Computer Science, 2007, , 69-82.	1.0	3
540	Optimality Program in Segment andÂString Graphs. Lecture Notes in Computer Science, 2018, , 79-90.	1.0	2
541	Fast Approximation of Centrality and Distances in Hyperbolic Graphs. Lecture Notes in Computer Science, 2018, , 3-18.	1.0	2
542	Parameterized Complexity of Conflict-Free Set Cover. Lecture Notes in Computer Science, 2019, , 191-202.	1.0	2
546	On the Fine Grained Complexity of Finite Automata Non-emptiness of Intersection. Lecture Notes in Computer Science, 2020, , 69-82.	1.0	3
547	An Efficient Elastic-Degenerate Text Index? Not Likely. Lecture Notes in Computer Science, 2020, , 76-88.	1.0	5
548	On Sparsification for Computing Treewidth. Lecture Notes in Computer Science, 2013, , 216-229.	1.0	4
550	Calculation of Discrepancy Measures and Applications. Lecture Notes in Mathematics, 2014, , 621-678.	0.1	22
551	Notions of Metric Dimension of Corona Products: Combinatorial and Computational Results. Lecture Notes in Computer Science, 2014, , 153-166.	1.0	8
552	On the Complexity of Scaffolding Problems: From Cliques to Sparse Graphs. Lecture Notes in Computer Science, 2015, , 409-423.	1.0	7
553	Subquadratic Algorithms for Succinct Stable Matching. Lecture Notes in Computer Science, 2016, , 294-308.	1.0	7
554	Problems on Finite Automata and the Exponential Time Hypothesis. Lecture Notes in Computer Science, 2016, , 89-100.	1.0	3
555	A Multivariate Approach for Checking Resiliency in Access Control. Lecture Notes in Computer Science, 2016, , 173-184.	1.0	2
556	Parameterized Complexity of Fair Deletion Problems. Lecture Notes in Computer Science, 2017, , 628-642.	1.0	3
557	Fine-Grained Parameterized Complexity Analysis of Graph Coloring Problems. Lecture Notes in Computer Science, 2017, , 345-356.	1.0	14

#	Article	IF	CITATIONS
559	Parameterized Algorithms for Power-Efficient Connected Symmetric Wireless Sensor Networks. Lecture Notes in Computer Science, 2017, , 26-40.	1.0	4
560	Structural Parameterizations ofÂDominating Set Variants. Lecture Notes in Computer Science, 2018, , 157-168.	1.0	3
561	A Tight Lower Bound for Steiner Orientation. Lecture Notes in Computer Science, 2018, , 65-77.	1.0	2
562	Exploiting Treewidth for Projected Model Counting and Its Limits. Lecture Notes in Computer Science, 2018, , 165-184.	1.0	11
563	Labeled Search Trees and Amortized Analysis: Improved Upper Bounds for NP-Hard Problems. Lecture Notes in Computer Science, 2003, , 148-157.	1.0	7
564	Ubiquitous Parameterization — Invitation to Fixed-Parameter Algorithms. Lecture Notes in Computer Science, 2004, , 84-103.	1.0	18
565	Subexponential Parameterized Algorithms. Lecture Notes in Computer Science, 2007, , 15-27.	1.0	7
566	The Time Complexity of Constraint Satisfaction. , 2008, , 190-201.		23
567	Firefighting on Trees: (1 â^' 1/e)–Approximation, Fixed Parameter Tractability and a Subexponential Algorithm. Lecture Notes in Computer Science, 2008, , 258-269.	1.0	29
568	The Parameterized Complexity of k-Flip Local Search for SAT and MAXÂSAT. Lecture Notes in Computer Science, 2009, , 276-283.	1.0	3
569	k-SAT Is No Harder Than Decision-Unique-k-SAT. Lecture Notes in Computer Science, 2009, , 59-70.	1.0	5
570	Towards Fully Multivariate Algorithmics: Some New Results and Directions in Parameter Ecology. Lecture Notes in Computer Science, 2009, , 2-10.	1.0	27
571	Balanced Hashing, Color Coding and Approximate Counting. Lecture Notes in Computer Science, 2009, , 1-16.	1.0	16
572	The Complexity of Satisfiability of Small Depth Circuits. Lecture Notes in Computer Science, 2009, , 75-85.	1.0	78
573	Maximum Independent Set in Graphs of Average Degree at Most Three in \${mathcal O}(1.08537^n)\$. Lecture Notes in Computer Science, 2010, , 373-384.	1.0	8
574	Exponential Time Complexity of the Permanent and the Tutte Polynomial. Lecture Notes in Computer Science, 2010, , 426-437.	1.0	13
576	Uniquely Satisfiable k-SAT Instances with Almost Minimal Occurrences of Each Variable. Lecture Notes in Computer Science, 2010, , 369-374.	1.0	1
577	Universality, Tolerance, Chaos and Order. Bolyai Society Mathematical Studies, 2010, , 21-37.	0.3	3

#	Article	IF	Citations
578	Exponential Time Complexity of Weighted Counting of Independent Sets. Lecture Notes in Computer Science, 2010, , 180-191.	1.0	5
579	The Exponential Time Complexity of Computing the Probability That a Graph Is Connected. Lecture Notes in Computer Science, 2010, , 192-203.	1.0	9
580	On the Exact Complexity of Evaluating Quantified k-CNF. Lecture Notes in Computer Science, 2010, , 50-59.	1.0	2
581	Faster Algorithms for Feedback Arc Set Tournament, Kemeny Rank Aggregation and Betweenness Tournament. Lecture Notes in Computer Science, 2010, , 3-14.	1.0	62
582	Partition into Triangles on Bounded Degree Graphs. Lecture Notes in Computer Science, 2011, , 558-569.	1.0	1
583	Ranking and Drawing in Subexponential Time. Lecture Notes in Computer Science, 2011, , 337-348.	1.0	6
584	Computing Vertex-Surjective Homomorphisms to Partially Reflexive Trees. Lecture Notes in Computer Science, 2011, , 261-274.	1.0	4
585	Satisfiability Certificates Verifiable in Subexponential Time. Lecture Notes in Computer Science, 2011, , 19-32.	1.0	1
587	Approximating the Diameter. , 2014, , 1-3.		1
588	Tight Complexity Bounds for FPT Subgraph Problems Parameterized by Clique-Width. Lecture Notes in Computer Science, 2012, , 207-218.	1.0	4
589	Parameterized Complexity of MaxSat above Average. Lecture Notes in Computer Science, 2012, , 184-194.	1.0	7
590	New Lower Bound on Max Cut of Hypergraphs with an Application to r -Set Splitting. Lecture Notes in Computer Science, 2012, , 408-419.	1.0	2
591	FPT Suspects and Tough Customers: Open Problems of Downey and Fellows. Lecture Notes in Computer Science, 2012, , 457-468.	1.0	3
592	Solving Planar k -Terminal Cut in $O(n^{c sqrt\{k\}})$ Time. Lecture Notes in Computer Science, 2012, , 569-580.	1.0	13
593	A Tight Lower Bound for Planar Multiway Cut with Fixed Number of Terminals. Lecture Notes in Computer Science, 2012, , 677-688.	1.0	28
594	On the Limits of Sparsification. Lecture Notes in Computer Science, 2012, , 774-785.	1.0	10
595	Sitting Closer to Friends Than Enemies, Revisited. Lecture Notes in Computer Science, 2012, , 296-307.	1.0	18
596	A Fast and Simple Subexponential Fixed Parameter Algorithm for One-Sided Crossing Minimization. Lecture Notes in Computer Science, 2012, , 683-694.	1.0	5

#	Article	IF	Citations
597	Parameterized Algorithmics and Computational Experiments for Finding 2-Clubs. Lecture Notes in Computer Science, 2012, , 231-241.	1.0	11
598	Finding Dense Subgraphs of Sparse Graphs. Lecture Notes in Computer Science, 2012, , 242-251.	1.0	14
599	The Exponential Time Hypothesis and the Parameterized Clique Problem. Lecture Notes in Computer Science, 2012, , 13-24.	1.0	7
600	Algorithms and Almost Tight Results for 3-Colorability of Small Diameter Graphs. Lecture Notes in Computer Science, 2013, , 332-343.	1.0	4
601	Fixed-Parameter Tractability of Workflow Satisfiability in the Presence of Seniority Constraints. Lecture Notes in Computer Science, 2013, , 198-209.	1.0	9
602	Cluster Editing. Lecture Notes in Computer Science, 2013, , 33-44.	1.0	22
603	Upper and Lower Bounds for Weak Backdoor Set Detection. Lecture Notes in Computer Science, 2013, , 394-402.	1.0	1
604	Deterministic Single Exponential Time Algorithms for Connectivity Problems Parameterized by Treewidth. Lecture Notes in Computer Science, 2013, , 196-207.	1.0	29
605	Bounding the Running Time of Algorithms for Scheduling and Packing Problems. Lecture Notes in Computer Science, 2013, , 439-450.	1.0	11
606	Parameterized Complexity of Directed Steiner Tree on Sparse Graphs. Lecture Notes in Computer Science, 2013, , 671-682.	1.0	11
607	(Total) Vector Domination for Graphs with Bounded Branchwidth. Lecture Notes in Computer Science, 2014, , 238-249.	1.0	3
608	Approximating Vector Scheduling: Almost Matching Upper and Lower Bounds. Lecture Notes in Computer Science, 2014, , 47-59.	1.0	8
609	Parameterized Complexity of Bandwidth on Trees. Lecture Notes in Computer Science, 2014, , 405-416.	1.0	5
610	Breaking the PPSZ Barrier for Unique 3-SAT. Lecture Notes in Computer Science, 2014, , 600-611.	1.0	9
611	Relating the Time Complexity of Optimization Problems in Light of the Exponential-Time Hypothesis. Lecture Notes in Computer Science, 2014, , 408-419.	1.0	3
613	Linear Time Parameterized Algorithms for Subset Feedback Vertex Set. Lecture Notes in Computer Science, 2015, , 935-946.	1.0	8
614	Polynomial Kernels for Weighted Problems. Lecture Notes in Computer Science, 2015, , 287-298.	1.0	2
615	Subexponential Time Algorithms for Finding Small Tree and Path Decompositions. Lecture Notes in Computer Science, 2015, , 179-190.	1.0	2

#	Article	IF	CITATIONS
616	On the Equivalence among Problems ofÂBounded Width. Lecture Notes in Computer Science, 2015, , 754-765.	1.0	1
617	On the Computational Complexity of MapReduce. Lecture Notes in Computer Science, 2015, , 1-15.	1.0	10
618	On the Solvability Problem for Restricted Classes of Word Equations. Lecture Notes in Computer Science, 2016, , 306-318.	1.0	3
619	Parameterized Algorithmics for Graph Modification Problems: On Interactions with Heuristics. Lecture Notes in Computer Science, 2016, , 3-15.	1.0	2
623	INTRODUCTION TO FIXED-PARAMETER ALGORITHMS. , 2006, , 3-16.		26
624	VERTEX COVER—AN ILLUSTRATIVE EXAMPLE. , 2006, , 31-40.		4
625	Settling the Complexity of Computing Approximate Two-Player Nash Equilibria. , 2016, , .		51
626	Independent Set on -Free Graphs in Quasi-Polynomial Time. , 2020, , .		10
627	Subexponential Parameterized Algorithm for Minimum Fill-in., 2012,,.		10
628	Subexponential parameterized algorithm for Interval Completion. , 2016, , .		13
629	SETH-Based Lower Bounds for Subset Sum and Bicriteria Path., 2019,, 41-57.		12
630	Subexponential Algorithms for Unique Games and Related Problems. Journal of the ACM, 2015, 62, 1-25.	1.8	49
631	Tight Lower Bounds on Graph Embedding Problems. Journal of the ACM, 2017, 64, 1-22.	1.8	10
632	On Problems Equivalent to (min,+)-Convolution. ACM Transactions on Algorithms, 2019, 15, 1-25.	0.9	24
633	Optimal Sparsification for Some Binary CSPs Using Low-Degree Polynomials. ACM Transactions on Computation Theory, 2019, 11, 1-26.	0.4	4
634	Lower Bounds for QBFs of Bounded Treewidth. , 2020, , .		9
635	Lower Bounds for the Parameterized Complexity of Minimum Fill-in and Other Completion Problems. ACM Transactions on Algorithms, 2020, 16, 1-31.	0.9	2
636	Constraint Branching in Workflow Satisfiability Problem. , 2020, , .		3

#	Article	lF	Citations
637	Time- and Space-optimal Algorithm for the Many-visits TSP. ACM Transactions on Algorithms, 2020, 16, 1-22.	0.9	8
638	Sparsification of SAT and CSP Problems via Tractable Extensions. ACM Transactions on Computation Theory, 2020, 12, 1-29.	0.4	4
639	Tight Complexity Lower Bounds for Integer Linear Programming with Few Constraints. ACM Transactions on Computation Theory, 2020, 12, 1-19.	0.4	11
640	Parameterized Complexity Results for Exact Bayesian Network Structure Learning. Journal of Artificial Intelligence Research, 0, 46, 263-302.	7.0	36
641	On the Computation of Fully Proportional Representation. Journal of Artificial Intelligence Research, 0, 47, 475-519.	7.0	79
642	A Refined View of Causal Graphs and Component Sizes: SP-Closed Graph Classes and Beyond. Journal of Artificial Intelligence Research, 0, 47, 575-611.	7. O	5
643	Iterative Plan Construction for the Workflow Satisfiability Problem. Journal of Artificial Intelligence Research, 0, 51, 555-577.	7.0	25
644	On the Subexponential-Time Complexity of CSP. Journal of Artificial Intelligence Research, 0, 52, 203-234.	7.0	4
645	Clause Elimination for SAT and QSAT. Journal of Artificial Intelligence Research, 0, 53, 127-168.	7.0	42
646	Time and Space Bounds for Planning. Journal of Artificial Intelligence Research, 0, 60, 595-638.	7. O	3
648	On the Computation of Fully Proportional Representation. SSRN Electronic Journal, 0, , .	0.4	3
650	How many qubits are needed for quantum computational supremacy?. Quantum - the Open Journal for Quantum Science, 0, 4, 264.	0.0	42
651	Additive-error fine-grained quantum supremacy. Quantum - the Open Journal for Quantum Science, 0, 4, 329.	0.0	3
652	Participatory Budgeting with Project Interactions. , 2020, , .		8
653	Treewidth-aware Reductions of Normal ASP to SAT - Is Normal ASP Harder than SAT after All?., 2020,,.		3
656	Title is missing!. Theory of Computing, 2014, 10, 297-339.	0.3	12
682	Parameterized Algorithms for (r,l)-Partization. Journal of Graph Algorithms and Applications, 2013, 17, 129-146.	0.4	6
683	On the complexity of solution extension of optimization problems. Theoretical Computer Science, 2022, 904, 48-65.	0.5	7

#	Article	IF	CITATIONS
684	Solving Connected Dominating Set Faster Than 2 n. Lecture Notes in Computer Science, 2006, , 152-163.	1.0	11
685	Lower Bounds and Parameterized Approach for Longest Common Subsequence. Lecture Notes in Computer Science, 2006, , 136-145.	1.0	1
686	ZUKUNFTSMUSIK., 2006, , 277-278.		0
687	THE ART OF PROBLEM PARAMETERIZATION. , 2006, , 41-48.		1
688	PRELIMINARIES AND AGREEMENTS., 2006, , 17-21.		0
689	CONNECTIONS TO APPROXIMATION ALGORITHMS. , 2006, , 237-242.		O
691	DEPTH-BOUNDED SEARCH TREES. , 2006, , 88-123.		1
693	TREE DECOMPOSITIONS OF GRAPHS. , 2006, , 150-176.		8
694	PARAMETERIZED COMPLEXITY THEORYâ€"A PRIMER. , 2006, , 22-30.		0
695	DATA REDUCTION AND PROBLEM KERNELS. , 2006, , 53-87.		O
697	SELECTED CASE STUDIES. , 2006, , 243-276.		0
698	PARAMETERIZED COMPLEXITY THEORY. , 2006, , 205-236.		O
699	FURTHER ADVANCED TECHNIQUES. , 2006, , 177-200.		0
700	Artificial Intelligence and DNA Computing. , 2007, , 195-209.		5
701	Vertex Cover Search Trees. , 2008, , 1006-1008.		1
702	New Plain-Exponential Time Classes for Graph Homomorphism. Lecture Notes in Computer Science, 2009, , 346-355.	1.0	0
703	Some Remarks on the Incompressibility of Width-Parameterized SAT Instances. Lecture Notes in Computer Science, 2012, , 192-198.	1.0	0
705	Counting Homomorphisms via Hypergraph-Based Structural Restrictions. Lecture Notes in Computer Science, 2012, , 380-391.	1.0	0

#	ARTICLE	IF	Citations
707	Generalized Above Guarantee Vertex Cover and r-Partization. Lecture Notes in Computer Science, 2012, , 17-27.	1.0	O
708	The Parameterized Complexity of the Shared Center Problem. Lecture Notes in Computer Science, 2012, , 439-452.	1.0	0
710	The Parameterized Complexity of Constraint Satisfaction and Reasoning. Lecture Notes in Computer Science, 2013, , 27-37.	1.0	0
711	Parameterized Complexity of DAG Partitioning. Lecture Notes in Computer Science, 2013, , 49-60.	1.0	3
712	Exponential Complexity of Satisfiability Testing for Linear-Size Boolean Formulas. Lecture Notes in Computer Science, 2013, , 110-121.	1.0	1
713	The M-Hierarchy, and XP-Optimality. Texts in Computer Science, 2013, , 535-570.	0.5	0
714	Local Backbones. Lecture Notes in Computer Science, 2013, , 377-393.	1.0	1
715	Exact Complexity and Satisfiability. Lecture Notes in Computer Science, 2013, , 1-3.	1.0	1
716	Objects Tracking in Images Sequence Using Center-Symmetric Local Binary Pattern (CS-LBP). International Journal of Computer Applications Technology and Research, 2013, 2, 504-508.	0.1	2
717	Algorithm for P versus NP Problem on Sets by JEEVAN – KUSHALAIAH Method. International Journal of Computer Applications Technology and Research, 2013, 2, 526-529.	0.1	0
718	Optimal Wiring on Rectangular Structure. International Journal of Computer Applications, 2013, 82, 29-36.	0.2	0
719	Constrained Routing Problem. International Journal of Computer Applications, 2013, 81, 15-17.	0.2	0
720	The Role of Planarity in Connectivity Problems Parameterized by Treewidth. Lecture Notes in Computer Science, 2014, , 63-74.	1.0	1
722	Complexity Theory Basics: NP and NL. , 2014, , 1-22.		0
723	Computational Solution to Quantum Foundational Problems. Physical Science International Journal, 2014, 4, 1145-1157.	0.3	1
725	Conditional Lower Bounds for Failed Literals and Related Techniques. Lecture Notes in Computer Science, 2014, , 75-84.	1.0	1
726	Consistent Subset Sampling. Lecture Notes in Computer Science, 2014, , 294-305.	1.0	0
729	Simultaneous Approximation of Constraint Satisfaction Problems. Lecture Notes in Computer Science, 2015, , 193-205.	1.0	O

#	Article	IF	CITATIONS
730	Multidimensional Binary Vector Assignment Problem: Standard, Structural and Above Guarantee Parameterizations. Lecture Notes in Computer Science, 2015, , 189-201.	1.0	1
731	The Computational Limit to Quantum Determinism and the Black Hole Information Loss Paradox. Physical Science International Journal, 2015, 7, 107-113.	0.3	0
733	Lower Bounds Based on the Exponential Time Hypothesis: Edge Clique Cover. , $2015, 14.$		0
734	Lower Bounds Based on the Exponential-Time Hypothesis. , 2015, , 467-521.		41
735	Upper and Lower Bounds on the Time Complexity of Infinite-Domain CSPs. Lecture Notes in Computer Science, 2015, , 183-199.	1.0	0
736	Directed multicut is $\langle i\rangle W\langle i\rangle [1]$ -hard, even for four terminal pairs. , 2016, , .		3
738	Fixed-Parameter Approximability and Hardness. , 2016, , 756-761.		0
739	Vertex Cover Search Trees. , 2016, , 2330-2333.		0
740	Approximating the Diameter., 2016,, 116-117.		0
741	On Structural Parameterizations of Hitting Set: Hitting Paths in Graphs Using 2-SAT. Lecture Notes in Computer Science, 2016, , 472-486.	1.0	2
742	Exact Algorithms and Strong Exponential Time Hypothesis. , 2016, , 657-661.		1
743	Lower Bounds Based on the Exponential Time Hypothesis: Edge Clique Cover. , 2016, , 1159-1162.		0
744	The PPSZ Algorithm for Constraint Satisfaction Problems on More Than Two Colors. Lecture Notes in Computer Science, 2016, , 421-437.	1.0	0
745	Defective Coloring on Classes of Perfect Graphs. Lecture Notes in Computer Science, 2017, , 113-126.	1.0	0
746	Obtaining a Proportional Allocation by Deleting Items. Lecture Notes in Computer Science, 2017, , 284-299.	1.0	0
747	Parameterized Complexity of the Workflow Satisfiability Problem. , 2017, , 101-120.		1
748	Improved Lower Bounds for Graph Embedding Problems. Lecture Notes in Computer Science, 2017, , 92-103.	1.0	2
749	On the Parameterized Complexity of Finding Small Unsatisfiable Subsets of CNF Formulas and CSP Instances. ACM Transactions on Computational Logic, 2017, 18, 1-46.	0.7	0

#	Article	IF	CITATIONS
750	Kernelization Lower Bounds for Finding Constant-Size Subgraphs. Lecture Notes in Computer Science, 2018, , 183-193.	1.0	2
751	Efficient Computation of Sequence Mappability. Lecture Notes in Computer Science, 2018, , 12-26.	1.0	3
752	Approximate Correlation Clustering Using Same-Cluster Queries. Lecture Notes in Computer Science, 2018, , 14-27.	1.0	4
753	Tight Approximability of the Server Allocation Problem for Real-Time Applications. Lecture Notes in Computer Science, 2018, , 41-55.	1.0	8
754	Cliquewidth III: The Odd Case of Graph Coloring Parameterized by Cliquewidth., 2018,, 262-273.		2
755	Improved Complexity for Power Edge SetÂProblem. Lecture Notes in Computer Science, 2018, , 128-141.	1.0	3
756	Incremental Strong Connectivity andÂ2-Connectivity in Directed Graphs. Lecture Notes in Computer Science, 2018, , 529-543.	1.0	0
757	Unary Integer Linear Programming with Structural Restrictions. , 2018, , .		6
758	The Precise Complexity of Finding Rainbow Even Matchings. Lecture Notes in Computer Science, 2019, , 190-201.	1.0	0
759	Parameterized Complexity of Min-Power Asymmetric Connectivity. Lecture Notes in Computer Science, 2019, , 85-96.	1.0	0
760	Degrees of Separation and Diameter in Large Graphs. , 2019, , 652-658.		0
761	Hamiltonicity Below Dirac's Condition. Lecture Notes in Computer Science, 2019, , 27-39.	1.0	2
762	On the proof of the 2-to-2 Games Conjecture. Current Developments in Mathematics, 2019, 2019, 43-94.	0.1	0
763	Your Rugby Mates Don't Need to Know Your Colleagues: Triadic Closure with Edge Colors. Lecture Notes in Computer Science, 2019, , 99-111.	1.0	0
764	Weighted Shortest Common Supersequence Problem Revisited. Lecture Notes in Computer Science, 2019, , 221-238.	1.0	0
765	Destroying Bicolored \$\$P_3\$\$P3s by Deleting Few Edges. Lecture Notes in Computer Science, 2019, , 193-204.	1.0	0
766	The Exponential-Time Complexity of Counting (Quantum) Graph Homomorphisms. Lecture Notes in Computer Science, 2019, , 364-378.	1.0	2
779	Bayesian Nash equilibrium. , 2019, , .		0

#	Article	IF	CITATIONS
780	Market equilibrium., 2019,,.		0
785	Sliding Scale Conjectures in PCP. ACM SIGACT News, 2019, 50, 25-33.	0.1	1
786	Four Shorts Stories on Surprising Algorithmic Uses of Treewidth. Lecture Notes in Computer Science, 2020, , 129-144.	1.0	1
787	Bipartite TSP in o(1.9999â) time, assuming quadratic time matrix multiplication. , 2020, , .		1
788	Efficiently enumerating hitting sets of hypergraphs arising in data profiling. Journal of Computer and System Sciences, 2022, 124, 192-213.	0.9	1
789	Hitting forbidden induced subgraphs on bounded treewidth graphs. Information and Computation, 2021, 281, 104812.	0.5	4
790	Sparsification lower bound for linear spanners in directed graphs. Theoretical Computer Science, 2021, 898, 69-69.	0.5	0
791	On the Complexity of Finding Large Odd Induced Subgraphs and Odd Colorings. Lecture Notes in Computer Science, 2020, , 67-79.	1.0	0
792	On Existential MSO and Its Relation to ETH. ACM Transactions on Computation Theory, 2020, 12, 1-32.	0.4	0
793	Fine-grained complexity of rainbow coloring and its variants. Journal of Computer and System Sciences, 2022, 124, 140-158.	0.9	1
794	A Framework for Exponential-Time-HypothesisTight Algorithms and Lower Bounds in Geometric Intersection Graphs. SIAM Journal on Computing, 2020, 49, 1291-1331.	0.8	8
795	Games, Puzzles and Treewidth. Lecture Notes in Computer Science, 2020, , 247-261.	1.0	0
796	A Faster Algorithm for Propositional Model Counting Parameterized by Incidence Treewidth. Lecture Notes in Computer Science, 2020, , 267-276.	1.0	3
797	Treewidth-Aware Quantifier Elimination and Expansion for QCSP. Lecture Notes in Computer Science, 2020, , 248-266.	1.0	3
798	Graph Square Roots of Small Distance from Degree One Graphs. Lecture Notes in Computer Science, 2020, , 116-128.	1.0	1
799	Fine-Grained Complexity of Temporal Problems. , 2020, , .		1
800	Semantic Width and the Fixed-Parameter Tractability of Constraint Satisfaction Problems. , 2020, , .		3
802	Fixed-Parameter Tractability for Non-Crossing Spanning Trees. Lecture Notes in Computer Science, 2007, , 410-421.	1.0	2

#	Article	IF	CITATIONS
803	Computing maximum independent set on outerstring graphs and their relatives. Computational Geometry: Theory and Applications, 2022, 103, 101852.	0.3	1
804	Structural Parameterizations of Clique Coloring. Algorithmica, 0, , 1.	1.0	0
805	New Results on Test-Cost Minimization in Database Migration. Lecture Notes in Computer Science, 2021, , 38-55.	1.0	2
807	Graph Modification for Edge-Coloured and Signed Graph Homomorphism Problems: Parameterized and Classical Complexity. Algorithmica, 0 , , 1 .	1.0	0
808	The (Coarse) Fine-Grained Structure of NP-Hard SAT and CSP Problems. ACM Transactions on Computation Theory, 2022, 14, 1-54.	0.4	0
809	Treewidth-aware reductions of normal ASP to SAT $\hat{a}\in$ Is normal ASP harder than SAT after all?. Artificial Intelligence, 2022, 304, 103651.	3.9	3
810	Length-bounded cuts: Proper interval graphs and structural parameters. Journal of Computer and System Sciences, 2022, 126, 21-43.	0.9	1
811	Constant Depth Formula and Partial Function Versions of MCSP are Hard., 2020,,.		8
812	On Exponential-Time Hypotheses, Derandomization, and Circuit Lower Bounds: Extended Abstract., 2020, , .		1
813	SETH-based Lower Bounds for Subset Sum and Bicriteria Path. ACM Transactions on Algorithms, 2022, 18, 1-22.	0.9	5
814	The complexity of dependency detection and discovery in relational databases. Theoretical Computer Science, 2022, 900, 79-96.	0.5	7
815	On knot-free vertex deletion: Fine-grained parameterized complexity analysis of a deadlock resolution graph problem. Theoretical Computer Science, 2022, , .	0.5	0
816	On some FPT problems without polynomial Turing compressions. Theoretical Computer Science, 2022, 905, 87-98.	0.5	2
817	Efficient Computation of Sequence Mappability. Algorithmica, 0 , , 1 .	1.0	0
818	Scheduling Lower Bounds via AND Subset Sum. Journal of Computer and System Sciences, 2022, , .	0.9	3
819	Verification of multi-layered assignment problems. Autonomous Agents and Multi-Agent Systems, 2022, 36, 1.	1.3	1
820	Filling Crosswords is Very Hard. SSRN Electronic Journal, 0, , .	0.4	0
821	Fooling Constant-Depth Threshold Circuits (Extended Abstract). , 2022, , .		1

#	Article	IF	CITATIONS
822	On the optimality of pseudo-polynomial algorithms for integer programming. Mathematical Programming, 0 , 0 , 1 .	1.6	0
823	Applications of Random Algebraic Constructions to Hardness of Approximation. , 2022, , .		O
824	On Treewidth and Stable Marriage: Parameterized Algorithms and Hardness Results (Complete) Tj ETQq0 0 0 rgBT	Oyerlock	10 Tf 50 66
825	CNF Satisfiability in a Subspace and Related Problems. Algorithmica, 2022, 84, 3276-3299.	1.0	1
826	$\langle i \rangle k \langle i \rangle$ -apices of Minor-closed Graph Classes. II. Parameterized Algorithms. ACM Transactions on Algorithms, 2022, 18, 1-30.	0.9	6
827	4 vs 7 Sparse Undirected Unweighted Diameter Is SETH-hard at Time <i>n</i> ^{4/3} . ACM Transactions on Algorithms, 2022, 18, 1-14.	0.9	1
828	Optimal Parameterized Algorithms for Planar Facility Location Problems Using Voronoi Diagrams. ACM Transactions on Algorithms, 2022, 18, 1-64.	0.9	4
829	Linearâ€time algorithms for eliminating claws in graphs. International Transactions in Operational Research, 2024, 31, 296-315.	1.8	1
830	Read-once refutations in Horn constraint systems: an algorithmic approach. Journal of Logic and Computation, 0 , , .	0.5	0
832	Graph Square Roots of Small Distance from Degree One Graphs. Theory of Computing Systems, 0, , .	0.7	O
833	On the parameterized complexity of grid contraction. Journal of Computer and System Sciences, 2022,	0.9	0
836	Computing Maximum Matchings in Temporal Graphs. SSRN Electronic Journal, 0, , .	0.4	O
837	Constraint Satisfaction Problems with Global Modular Constraints: Algorithms and Hardness via Polynomial Representations. SIAM Journal on Computing, 2022, 51, 577-626.	0.8	0
838	The double exponential runtime is tight for 2-stage stochastic ILPs. Mathematical Programming, 0, , .	1.6	O
839	Mean isoperimetry with control on outliers: Exact and approximation algorithms. Theoretical Computer Science, 2022, , .	0.5	1
840	On Finding Optimal Polytrees. Proceedings of the AAAI Conference on Artificial Intelligence, 2012, 26, 750-756.	3.6	4
841	The Complexity of Conjunctive Queries with Degree 2., 2022,,.		0
842	On Subgraph Complementation to H-free Graphs. Algorithmica, 2022, 84, 2842-2870.	1.0	1

#	Article	IF	Citations
845	Grundy Coloring and Friends, Half-Graphs, Bicliques. Algorithmica, 0, , .	1.0	0
846	Equation Satisfiability in Solvable Groups. Theory of Computing Systems, 0, , .	0.7	1
847	Complexity of Modular Circuits. , 2022, , .		1
849	On the Subexponential Time Complexity of CSP. Proceedings of the AAAI Conference on Artificial Intelligence, 2013, 27, 459-465.	3.6	4
852	Component Order Connectivity in Directed Graphs. Algorithmica, 2022, 84, 2767-2784.	1.0	1
854	The perfect matching cut problem revisited. Theoretical Computer Science, 2022, 931, 117-130.	0.5	4
855	Beyond Natural Proofs: Hardness Magnification and Locality. Journal of the ACM, 2022, 69, 1-49.	1.8	2
856	Swarm Control for Distributed Construction: A Computational Complexity Perspective. ACM Transactions on Human-Robot Interaction, 2023, 12, 1-45.	3.2	0
857	Further parameterized algorithms for the <mml:math altimg="si1.svg" xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi mathvariant="script">F</mml:mi></mml:math> -free edge deletion problem. Theoretical Computer Science, 2022, 933, 125-137.	0.5	0
858	Computing List Homomorphisms inÂGeometric Intersection Graphs. Lecture Notes in Computer Science, 2022, , 313-327.	1.0	O
859	Combinatorial Algorithms for Subsequence Matching: A Survey. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 367, 11-27.	0.8	5
860	Constant Depth Formula and Partial Function Versions of MCSP Are Hard. SIAM Journal on Computing, 0, , FOCS20-317-FOCS20-367.	0.8	0
861	Subcubic Equivalences between Graph Centrality Problems, APSP, and Diameter. ACM Transactions on Algorithms, 2023, 19, 1-30.	0.9	2
862	Parameterized Complexity of Computing Maximum Minimal Blocking and Hitting Sets. Algorithmica, 0, ,	1.0	1
863	Refined Parameterizations for Computing Colored Cuts in Edge-Colored Graphs. Theory of Computing Systems, 2022, 66, 1019-1045.	0.7	0
864	Parameterized Complexity of Diameter. Algorithmica, 0, , .	1.0	0
865	Fast Exact Dynamic Time Warping on Run-Length Encoded Time Series. Algorithmica, 0, , .	1.0	0
866	Solving Infinite-Domain CSPs Using the Patchwork Property. Proceedings of the AAAI Conference on Artificial Intelligence, 2021, 35, 3715-3723.	3.6	1

#	Article	IF	Citations
867	All PSPACE-Complete Planning Problems Are Equal but Some Are More Equal than Others. , 2011, 2, 10-17.		6
868	Papers and Algorithms. SpringerBriefs in Computer Science, 2022, , 19-120.	0.2	0
869	Subsequences inÂBounded Ranges: Matching andÂAnalysis Problems. Lecture Notes in Computer Science, 2022, , 140-159.	1.0	4
870	Solving projected model counting by utilizing treewidth and its limits. Artificial Intelligence, 2022, , 103810.	3.9	0
871	On Computing the Diameter of (Weighted) Link Streams. Journal of Experimental Algorithmics, 0, , .	0.7	1
872	Enumeration of far-apart pairs by decreasing distance for faster hyperbolicity computation. Journal of Experimental Algorithmics, 0, , .	0.7	0
873	Exploiting \$c\$-Closure in Kernelization Algorithms for Graph Problems. SIAM Journal on Discrete Mathematics, 2022, 36, 2798-2821.	0.4	3
874	Algorithmic Applications of Tree-Cut Width. SIAM Journal on Discrete Mathematics, 2022, 36, 2635-2666.	0.4	2
875	Moderate exponential-time algorithms for scheduling problems. 4or, 2022, 20, 533-566.	1.0	1
876	Parameterized Complexity of Envy-Free Resource Allocation in Social Networks. Artificial Intelligence, 2022, , 103826.	3.9	0
877	Fine-grained parameterized complexity analysis of graph coloring problems. Discrete Applied Mathematics, 2023, 327, 33-46.	0.5	1
878	Solving the Workflow Satisfiability Problem Using General Purpose Solvers. IEEE Transactions on Dependable and Secure Computing, 2023, 20, 4474-4485.	3.7	1
879	Digraph Coloring and Distance to Acyclicity. Theory of Computing Systems, 0, , .	0.7	0
880	Fixed-Parameter Analysis of Preemptive Uniprocessor Scheduling Problems. , 2022, , .		2
881	Degrees of Separation and Diameter in Large Graphs. , 2022, , 1-7.		0
882	NP-Hardness of Learning Programs and Partial MCSP. , 2022, , .		7
886	Advanced tools and methods for treewidth-based problem solving. IT - Information Technology, 2023, .	0.6	0
887	Solving infinite-domain CSPs using the patchwork property. Artificial Intelligence, 2023, 317, 103880.	3.9	1

#	Article	IF	CITATIONS
888	Complexity of C-coloring in hereditary classes of graphs. Information and Computation, 2023, 292, 105015.	0.5	O
889	The Maximum Zero-Sum Partition Problem. Communications in Computer and Information Science, 2022, , 73-85.	0.4	0
890	Fine Grained Space Complexity andÂtheÂLinear Space Hypothesis (Preliminary Report). Communications in Computer and Information Science, 2022, , 180-191.	0.4	1
891	The 2CNF Boolean formula satisfiability problem and the linear space hypothesis. Journal of Computer and System Sciences, 2023, 136, 88-112.	0.9	0
892	On Exponential-time Hypotheses, Derandomization, and Circuit Lower Bounds. Journal of the ACM, 2023, 70, 1-62.	1.8	1
893	Algorithmic Applications of Hypergraph and Partition Containers. , 2023, , .		1
899	A Polyhedral Perspective onÂTropical Convolutions. Lecture Notes in Computer Science, 2023, , 111-122.	1.0	0
904	First-Order Model Checking on Structurally Sparse Graph Classes. , 2023, , .		3
907	Structure-Aware Lower Bounds and Broadening the Horizon of Tractability for QBF., 2023,,.		0
909	Non-interactive Universal Arguments. Lecture Notes in Computer Science, 2023, , 132-158.	1.0	0
910	The Pumping Lemma forÂRegular Languages is Hard. Lecture Notes in Computer Science, 2023, , 128-140.	1.0	1
915	On theÂParallel Complexity ofÂGroup Isomorphism viaÂWeisfeiler–Leman. Lecture Notes in Computer Science, 2023, , 234-247.	1.0	0
916	Complexity Results for Matching Cut Problems inÂGraphs Without Long Induced Paths. Lecture Notes in Computer Science, 2023, , 417-431.	1.0	0
917	Turán's Theorem Through Algorithmic Lens. Lecture Notes in Computer Science, 2023, , 348-362.	1.0	1
923	Exponential Time Complexity ofÂtheÂComplex Weighted Boolean #CSP. Lecture Notes in Computer Science, 2024, , 83-96.	1.0	0
924	The Fine-Grained Complexity of \hat{A} Approximately Counting Proper Connected Colorings (Extended) Tj ETQq $1\ 1\ 0$.	784314 rg 1.0	BT/Overlock
927	Top-Down Lower Bounds for Depth-Four Circuits. , 2023, , .		0
928	Optimal Algorithms for Bounded Weighted Edit Distance. , 2023, , .		0

#	Article	IF	CITATIONS
929	Super-Logarithmic Lower Bounds for Dynamic Graph Problems. , 2023, , .		O
930	Parameterized andÂApproximation Algorithms forÂtheÂMaximum Bimodal Subgraph Problem. Lecture Notes in Computer Science, 2023, , 189-202.	1.0	0