Petr A Golovach

List of Publications by Year in Descending Order

189 papers	1,287 citations	18 h-index	26 g-index
193 ext. papers	1,455 ext. citations	0.9 avg, IF	4.87 L-index

#	Paper	IF	Citations
189	Refined notions of parameterized enumeration kernels with applications to matching cut enumeration. *Journal of Computer and System Sciences*, **2022**, 123, 76-102	1	1
188	Cyclability in graph classes. *Discrete Applied Mathematics*, **2022**, 313, 147-178	1	1
187	Parameterized Complexity of Elimination Distance to First-Order Logic Properties. *ACM Transactions on Computational Logic*, **2022**, 23, 1-35	0.9	
186	Parameterized Complexity of Set-Restricted Disjoint Paths on Chordal Graphs. *Lecture Notes in Computer Science*, **2022**, 152-169	0.9	
185	Lossy Kernelization of Same-Size Clustering. *Lecture Notes in Computer Science*, **2022**, 96-114	0.9	
184	Induced Disjoint Paths in AT-free graphs. *Journal of Computer and System Sciences*, **2021**, 124, 170-170	1	2
183	Subexponential Parameterized Algorithms and Kernelization on Almost Chordal Graphs. *Algorithmica*, **2021**, 83, 2170-2214	0.9	
182	Parameterized Complexity of Elimination Distance to First-Order Logic Properties **2021**,		1
181	Parameterized k-Clustering: Tractability island. *Journal of Computer and System Sciences*, **2021**, 117, 50-74	1	1
180	Can Romeo and Juliet Meet? or Rendezvous Games with Adversaries on Graphs. *Lecture Notes in Computer Science*, **2021**, 308-320	0.9	
179	Parameterized Complexity of Categorical Clustering with Size Constraints. *Lecture Notes in Computer Science*, **2021**, 385-398	0.9	
178	Acyclic, Star, and Injective Colouring: Bounding the Diameter. *Lecture Notes in Computer Science*, **2021**, 336-348	0.9	2
177	Kernelization of Graph Hamiltonicity: Proper H-Graphs. *SIAM Journal on Discrete Mathematics*, **2021**, 35, 840-892	0.7	
176	Finding connected secluded subgraphs. *Journal of Computer and System Sciences*, **2020**, 113, 101-124	1	2
175	On the Tractability of Optimization Problems on H-Graphs. *Algorithmica*, **2020**, 82, 2432-2473	0.9	6
174	Subgraph Complementation. *Algorithmica*, **2020**, 82, 1859-1880	0.9	2
173	Parameterized Aspects of Strong Subgraph Closure. *Algorithmica*, **2020**, 82, 2006-2038	0.9	2

172	Graph Square Roots of Small Distance from Degree One Graphs. *Lecture Notes in Computer Science*, **2020**, 116-128	0.9	0
171	Parameterized low-rank binary matrix approximation. *Data Mining and Knowledge Discovery*, **2020**, 34, 478-532	5.6	4
170	Enumeration of minimal connected dominating sets for chordal graphs. *Discrete Applied Mathematics*, **2020**, 278, 3-11	1	2
169	On the Parameterized Complexity of Graph Modification to First-Order Logic Properties. *Theory of Computing Systems*, **2020**, 64, 251-271	0.6	3
168	Editing to Connected F-Degree Graph. *SIAM Journal on Discrete Mathematics*, **2019**, 33, 795-836	0.7	0
167	Enumeration and maximum number of minimal dominating sets for chordal graphs. *Theoretical Computer Science*, **2019**, 783, 41-52	1.1	3
166	Algorithms for Outerplanar Graph Roots and Graph Roots of Pathwidth at Most 2. *Algorithmica*, **2019**, 81, 2795-2828	0.9	1
165	Enumeration of maximal irredundant sets for claw-free graphs. *Theoretical Computer Science*, **2019**, 754, 3-15	1.1	2
164	Kernelization of Graph Hamiltonicity: Proper H-Graphs. *Lecture Notes in Computer Science*, **2019**, 296-310	0.9	2
163	Enumeration and maximum number of maximal irredundant sets for chordal graphs. *Discrete Applied Mathematics*, **2019**, 265, 69-85	1	2
162	Clique-width III. *ACM Transactions on Algorithms*, **2019**, 15, 1-27	1.2	3
161	Output-Polynomial Enumeration on Graphs of Bounded (Local) Linear MIM-Width. *Algorithmica*, **2018**, 80, 714-741	0.9	10
160	Computing square roots of graphs with low maximum degree. *Discrete Applied Mathematics*, **2018**, 248, 93-101	1	4
159	Enumeration and maximum number of minimal connected vertex covers in graphs. *European Journal of Combinatorics*, **2018**, 68, 132-147	0.7	5
158	Finding Cactus Roots in Polynomial Time. *Theory of Computing Systems*, **2018**, 62, 1409-1426	0.6	3
157	Surjective H-colouring: New hardness results. *Computability*, **2018**, 8, 27-42	0.5	3
156	On recognition of threshold tolerance graphs and their complements. *Discrete Applied Mathematics* , **2017**, 216, 171-180	1	5
155	Minimal dominating sets in interval graphs and trees. *Discrete Applied Mathematics*, **2017**, 216, 162-170	1	6

154	Graph editing to a fixed target. *Discrete Applied Mathematics*, **2017**, 216, 181-190	1	
153	A Survey on the Computational Complexity of Coloring Graphs with Forbidden Subgraphs. *Journal of Graph Theory*, **2017**, 84, 331-363	0.8	66
152	Parameterized Complexity of Secluded Connectivity Problems. *Theory of Computing Systems*, **2017**, 61, 795-819	0.6	6
151	Editing to a planar graph of given degrees. *Journal of Computer and System Sciences*, **2017**, 85, 168-182	1	1
150	Graph editing to a given degree sequence. *Theoretical Computer Science*, **2017**, 665, 1-12	1.1	4
149	The Parameterized Complexity of Graph Cyclability. *SIAM Journal on Discrete Mathematics*, **2017**, 31, 511-541	0.7	1
148	Enumeration of Maximal Irredundant Sets for Claw-Free Graphs. *Lecture Notes in Computer Science*, **2017**, 297-309	0.9	1
147	Algorithms for Outerplanar Graph Roots and Graph Roots of Pathwidth at Most 2. *Lecture Notes in Computer Science*, **2017**, 275-288	0.9	3
146	A linear kernel for finding square roots of almost planar graphs. *Theoretical Computer Science*, **2017** , 689, 36-47	1.1	6
145	Editing to a connected graph of given degrees. *Information and Computation*, **2017**, 256, 131-147	0.8	2
144	Metric Dimension of Bounded Tree-length Graphs. *SIAM Journal on Discrete Mathematics*, **2017**, 31, 1217-1243	0.7	13
143	Parameterized Complexity of Superstring Problems. *Algorithmica*, **2017**, 79, 798-813	0.9	
142	Surjective H-Colouring: New Hardness Results. *Lecture Notes in Computer Science*, **2017**, 270-281	0.9	1
141	Enumeration and Maximum Number of Maximal Irredundant Sets for Chordal Graphs. *Lecture Notes in Computer Science*, **2017**, 289-302	0.9	
140	Enumerating minimal dominating sets in chordal bipartite graphs. *Discrete Applied Mathematics*, **2016**, 199, 30-36	1	14
139	Parameterized Algorithms for Finding Square Roots. *Algorithmica*, **2016**, 74, 602-629	0.9	12
138	Parameterized complexity of the anchored k-core problem for directed graphs. *Information and Computation*, **2016**, 247, 11-22	0.8	12
137	How to hunt an invisible rabbit on a graph. *European Journal of Combinatorics*, **2016**, 52, 12-26	0.7	4

136	Finding Cactus Roots in Polynomial Time. *Lecture Notes in Computer Science*, **2016**, 361-372	0.9	3
135	Enumeration and Maximum Number of Minimal Connected Vertex Covers in Graphs. *Lecture Notes in Computer Science*, **2016**, 235-247	0.9	2
134	Graph Editing to a Given Degree Sequence. *Lecture Notes in Computer Science*, **2016**, 177-191	0.9	1
133	Squares of Low Clique Number. *Electronic Notes in Discrete Mathematics*, **2016**, 55, 195-198	0.3	3
132	Enumerating minimal connected dominating sets in graphs of bounded chordality. *Theoretical Computer Science*, **2016**, 630, 63-75	1.1	8
131	Editing to Eulerian graphs. *Journal of Computer and System Sciences*, **2016**, 82, 213-228	1	2
130	Induced disjoint paths in circular-arc graphs in linear time. *Theoretical Computer Science*, **2016**, 640, 70-83	1.1	5
129	Editing to a Graph of Given Degrees. *Theoretical Computer Science*, **2015**, 591, 72-84	1.1	8
128	Induced Disjoint Paths in Claw-Free Graphs. *SIAM Journal on Discrete Mathematics*, **2015**, 29, 348-375	0.7	6
127	Metric Dimension of Bounded Width Graphs. *Lecture Notes in Computer Science*, **2015**, 115-126	0.9	4
126	Hadwiger Number of Graphs with Small Chordality. *SIAM Journal on Discrete Mathematics*, **2015**, 29, 1427-1451	0.7	2
125	Coloring graphs characterized by a forbidden subgraph. *Discrete Applied Mathematics*, **2015**, 180, 101-110	1	11
124	List Coloring in the Absence of a Linear Forest. *Algorithmica*, **2015**, 71, 21-35	0.9	9
123	Modifying a Graph Using Vertex Elimination. *Algorithmica*, **2015**, 72, 99-125	0.9	
122	An Incremental Polynomial Time Algorithm to Enumerate All Minimal Edge Dominating Sets. *Algorithmica*, **2015**, 72, 836-859	0.9	15
121	Linear-Time Algorithms for Scattering Number and Hamilton-Connectivity of Interval Graphs. *Journal of Graph Theory*, **2015**, 79, 282-299	0.8	18
120	Minimizing Rosenthal Potential in Multicast Games. *Theory of Computing Systems*, **2015**, 57, 81-96	0.6	
119	Output-Polynomial Enumeration on Graphs of Bounded (Local) Linear MIM-Width. *Lecture Notes in Computer Science*, **2015**, 248-258	0.9	2

118	Editing to a Planar Graph of Given Degrees. *Lecture Notes in Computer Science*, **2015**, 143-156	0.9	1
117	Parameterized Complexity of Superstring Problems. *Lecture Notes in Computer Science*, **2015**, 89-99	0.9	
116	Coloring graphs without short cycles and long induced paths. *Discrete Applied Mathematics*, **2014**, 167, 107-120	1	21
115	Subset feedback vertex sets in chordal graphs. *Journal of Discrete Algorithms*, **2014**, 26, 7-15		18
114	Parameterized complexity of connected even/odd subgraph problems. *Journal of Computer and System Sciences*, **2014**, 80, 157-179	1	4
113	Closing complexity gaps for coloring problems on H-free graphs. *Information and Computation*, **2014**, 237, 204-214	0.8	21
112	Solutions for the stable roommates problem with payments. *Theoretical Computer Science*, **2014**, 540-541, 53-61	1.1	11
111	Parameterized complexity of three edge contraction problems with degree constraints. *Acta Informatica*, **2014**, 51, 473-497	0.9	10
110	Almost Optimal Lower Bounds for Problems Parameterized by Clique-Width. *SIAM Journal on Computing*, **2014**, 43, 1541-1563	1.1	19
109	Long Circuits and Large Euler Subgraphs. *SIAM Journal on Discrete Mathematics*, **2014**, 28, 878-892	0.7	3
108	List coloring in the absence of two subgraphs. *Discrete Applied Mathematics*, **2014**, 166, 123-130	1	12
107	Colouring of graphs with Ramsey-type forbidden subgraphs. *Theoretical Computer Science*, **2014**, 522, 34-43	1.1	23
106	Lift-contractions. *European Journal of Combinatorics*, **2014**, 35, 286-296	0.7	
105	Finding clubs in graph classes. *Discrete Applied Mathematics*, **2014**, 174, 57-65	1	10
104	Editing to a Graph of Given Degrees. *Lecture Notes in Computer Science*, **2014**, 196-207	0.9	2
103	Parameterized Algorithms to Preserve Connectivity. *Lecture Notes in Computer Science*, **2014**, 800-811	0.9	10
102	Editing to a Connected Graph of Given Degrees. *Lecture Notes in Computer Science*, **2014**, 324-335	0.9	3
101	Hadwiger Number of Graphs with Small Chordality. *Lecture Notes in Computer Science*, **2014**, 201-213	0.9	3

100	Recognizing Threshold Tolerance Graphs in $$O(n^2)$$ Time. *Lecture Notes in Computer Science*, **2014**, 214-224	0.9	
99	Induced Disjoint Paths in Circular-Arc Graphs in Linear Time. *Lecture Notes in Computer Science*, **2014**, 225-237	0.9	1
98	The Parameterized Complexity of Graph Cyclability. *Lecture Notes in Computer Science*, **2014**, 492-504	0.9	
97	Colorings with few Colors: Counting, Enumeration and Combinatorial Bounds. *Theory of Computing Systems*, **2013**, 52, 645-667	0.6	2
96	Tight complexity bounds for FPT subgraph problems parameterized by the clique-width. *Theoretical Computer Science*, **2013**, 485, 69-84	1.1	8
95	Increasing the minimum degree of a graph by contractions. *Theoretical Computer Science*, **2013**, 481, 74-84	1.1	10
94	Detecting induced minors in AT-free graphs. *Theoretical Computer Science*, **2013**, 482, 20-32	1.1	3
93	Obtaining planarity by contracting few edges. *Theoretical Computer Science*, **2013**, 476, 38-46	1.1	20
92	Choosability on H-free graphs. *Information Processing Letters*, **2013**, 113, 107-110	0.8	3
91	4-coloring . *Discrete Applied Mathematics*, **2013**, 161, 140-150	1	21
90	Three complexity results on coloring Pk-free graphs. *European Journal of Combinatorics*, **2013**, 34, 609-619	1.7	22
89	Detecting Fixed Patterns in Chordal Graphs in Polynomial Time. *Algorithmica*, **2013**, 69, 501	0.9	9
88	Parameterized Complexity of Two Edge Contraction Problems with Degree Constraints. *Lecture Notes in Computer Science*, **2013**, 16-27	0.9	4
87	List Coloring in the Absence of Two Subgraphs. *Lecture Notes in Computer Science*, **2013**, 288-299	0.9	3
86	An Incremental Polynomial Time Algorithm to Enumerate All Minimal Edge Dominating Sets. *Lecture Notes in Computer Science*, **2013**, 485-496	0.9	2
85	On the Parameterized Complexity of Cutting a Few Vertices from a Graph. *Lecture Notes in Computer Science*, **2013**, 421-432	0.9	6
84	Sparse Square Roots. *Lecture Notes in Computer Science*, **2013**, 177-188	0.9	4
83	Linear-Time Algorithms for Scattering Number and Hamilton-Connectivity of Interval Graphs. *Lecture Notes in Computer Science*, **2013**, 127-138	0.9	

82	Long Circuits and Large Euler Subgraphs. *Lecture Notes in Computer Science*, **2013**, 493-504	0.9	1
81	Cliques and Clubs. *Lecture Notes in Computer Science*, **2013**, 276-287	0.9	
80	Colouring of Graphs with Ramsey-Type Forbidden Subgraphs. *Lecture Notes in Computer Science*, **2013**, 201-212	0.9	
79	Parameterized complexity of generalized domination problems. *Discrete Applied Mathematics*, **2012** , 160, 780-792	1	12
78	Distance three labelings of trees. *Discrete Applied Mathematics*, **2012**, 160, 764-779	1	6
77	Edge search number of cographs. *Discrete Applied Mathematics*, **2012**, 160, 734-743	1	4
76	Containment relations in split graphs. *Discrete Applied Mathematics*, **2012**, 160, 155-163	1	4
75	Updating the complexity status of coloring graphs without a fixed induced linear forest. *Theoretical Computer Science*, **2012**, 414, 9-19	1.1	40
74	Induced packing of odd cycles in planar graphs. *Theoretical Computer Science*, **2012**, 420, 28-35	1.1	4
73	Determining the chromatic number of triangle-free . *Theoretical Computer Science*, **2012**, 423, 1-10	1.1	20
72	Cops and Robber Game Without Recharging. *Theory of Computing Systems*, **2012**, 50, 611-620	0.6	7
71	Cops and Robber with Constraints. *SIAM Journal on Discrete Mathematics*, **2012**, 26, 571-590	0.7	4
70	Finding vertex-surjective graph homomorphisms. *Acta Informatica*, **2012**, 49, 381-394	0.9	9
69	On the parameterized complexity of coloring graphs in the absence of a linear forest. *Journal of Discrete Algorithms*, **2012**, 15, 56-62		5
68	Computing vertex-surjective homomorphisms to partially reflexive trees. *Theoretical Computer Science*, **2012**, 457, 86-100	1.1	11
67	Parameterized Complexity of the Spanning Tree Congestion Problem. *Algorithmica*, **2012**, 64, 85-111	0.9	7
66	4-Coloring H-Free Graphs When H Is Small. *Lecture Notes in Computer Science*, **2012**, 289-300	0.9	4
65	Tight Complexity Bounds for FPT Subgraph Problems Parameterized by Clique-Width. *Lecture Notes in Computer Science*, **2012**, 207-218	0.9	2

64	Increasing the Minimum Degree of a Graph by Contractions. *Lecture Notes in Computer Science*, **2012**, 67-79	0.9	2
63	k-Gap Interval Graphs. *Lecture Notes in Computer Science*, **2012**, 350-361	0.9	5
62	Finding Vertex-Surjective Graph Homomorphisms. *Lecture Notes in Computer Science*, **2012**, 160-171	0.9	3
61	Induced Disjoint Paths in AT-Free Graphs. *Lecture Notes in Computer Science*, **2012**, 153-164	0.9	8
60	Obtaining Planarity by Contracting Few Edges. *Lecture Notes in Computer Science*, **2012**, 455-466	0.9	3
59	Induced Disjoint Paths in Claw-Free Graphs. *Lecture Notes in Computer Science*, **2012**, 515-526	0.9	3
58	An Exact Algorithm for Subset Feedback Vertex Set on Chordal Graphs. *Lecture Notes in Computer Science*, **2012**, 85-96	0.9	2
57	Solutions for the Stable Roommates Problem with Payments. *Lecture Notes in Computer Science*, **2012**, 69-80	0.9	9
56	How to Eliminate a Graph. *Lecture Notes in Computer Science*, **2012**, 320-331	0.9	
55	Detecting Induced Minors in AT-Free Graphs. *Lecture Notes in Computer Science*, **2012**, 495-505	0.9	
54	Coloring Graphs Characterized by a Forbidden Subgraph. *Lecture Notes in Computer Science*, **2012**, 443-454	0.9	1
53	Closing Complexity Gaps for Coloring Problems on H-Free Graphs. *Lecture Notes in Computer Science*, **2012**, 14-23	0.9	3
52	Lift Contractions. *Electronic Notes in Discrete Mathematics*, **2011**, 38, 407-412	0.3	1
51	Approximating Width Parameters of Hypergraphs with Excluded Minors. *SIAM Journal on Discrete Mathematics*, **2011**, 25, 1331-1348	0.7	1
50	Guard games on graphs: Keep the intruder out!. *Theoretical Computer Science*, **2011**, 412, 6484-6497	1.1	2
49	Bandwidth on AT-free graphs. *Theoretical Computer Science*, **2011**, 412, 7001-7008	1.1	5
48	Spanners in sparse graphs. *Journal of Computer and System Sciences*, **2011**, 77, 1108-1119	1	15
47	How to Guard a Graph?. *Algorithmica*, **2011**, 61, 839-856	0.9	6

46	Branch and Recharge: Exact Algorithms for Generalized Domination. *Algorithmica*, **2011**, 61, 252-273	0.9	
45	Paths of bounded length and their cuts: Parameterized complexity and algorithms. *Discrete Optimization*, **2011**, 8, 72-86	1	22
44	Contraction obstructions for treewidth. *Journal of Combinatorial Theory Series B*, **2011**, 101, 302-314	1.1	51
43	Spanners of bounded degree graphs. *Information Processing Letters*, **2011**, 111, 142-144	0.8	9
42	Parameterized complexity of coloring problems: Treewidth versus vertex cover. *Theoretical Computer Science*, **2011**, 412, 2513-2523	1.1	33
41	Approximation of minimum weight spanners for sparse graphs. *Theoretical Computer Science*, **2011**, 412, 846-852	1.1	2
40	Computing Vertex-Surjective Homomorphisms to Partially Reflexive Trees. *Lecture Notes in Computer Science*, **2011**, 261-274	0.9	4
39	Coloring Graphs without Short Cycles and Long Induced Paths. *Lecture Notes in Computer Science*, **2011**, 193-204	0.9	5
38	Finding Contractions and Induced Minors in Chordal Graphs via Disjoint Paths. *Lecture Notes in Computer Science*, **2011**, 110-119	0.9	4
37	List Coloring in the Absence of a Linear Forest. *Lecture Notes in Computer Science*, **2011**, 119-130	0.9	4
36	Approximation Algorithms for Domination Search. *Lecture Notes in Computer Science*, **2011**, 130-141	0.9	
35	Contracting a Chordal Graph to a Split Graph or a Tree. *Lecture Notes in Computer Science*, **2011**, 339-350	0.9	1
34	Intractability of Clique-Width Parameterizations. *SIAM Journal on Computing*, **2010**, 39, 1941-1956	1.1	44
33	Algorithmic Lower Bounds for Problems Parameterized by Clique-width **2010**,		17
32	Parameterized algorithm for eternal vertex cover. *Information Processing Letters*, **2010**, 110, 702-706	0.8	16
31	Pursuing a fast robber on a graph. *Theoretical Computer Science*, **2010**, 411, 1167-1181	1.1	42
30	Complexity of the packing coloring problem for trees. *Discrete Applied Mathematics*, **2010**, 158, 771-778	1	36
29	Cops and Robber Game without Recharging. *Lecture Notes in Computer Science*, **2010**, 273-284	0.9	2

28	Colorings with Few Colors: Counting, Enumeration and Combinatorial Bounds. *Lecture Notes in Computer Science*, **2010**, 39-50	0.9	2
27	Narrowing Down the Gap on the Complexity of Coloring Pk-Free Graphs. *Lecture Notes in Computer Science*, **2010**, 63-74	0.9	1
26	On Coloring Graphs without Induced Forests. *Lecture Notes in Computer Science*, **2010**, 156-167	0.9	1
25	Parameterized Complexity of Generalized Domination Problems. *Lecture Notes in Computer Science*, **2010**, 133-142	0.9	
24	Guard Games on Graphs: Keep the Intruder Out!. *Lecture Notes in Computer Science*, **2010**, 147-158	0.9	1
23	L(2,1,1)-Labeling Is NP-Complete for Trees. *Lecture Notes in Computer Science*, **2010**, 211-221	0.9	0
22	Sort and Search: Exact algorithms for generalized domination. *Information Processing Letters*, **2009**, 109, 795-798	0.8	5
21	Parameterized Complexity of Coloring Problems: Treewidth versus Vertex Cover. *Lecture Notes in Computer Science*, **2009**, 221-230	0.9	8
20	Choosability of P5-Free Graphs. *Lecture Notes in Computer Science*, **2009**, 382-391	0.9	5
19	Contraction Bidimensionality: The Accurate Picture. *Lecture Notes in Computer Science*, **2009**, 706-717	0.9	11
18	Three Complexity Results on Coloring Pk-Free Graphs. *Lecture Notes in Computer Science*, **2009**, 95-104	0.9	13
17	Induced Packing of Odd Cycles in a Planar Graph. *Lecture Notes in Computer Science*, **2009**, 514-523	0.9	4
16	Bandwidth on AT-Free Graphs. *Lecture Notes in Computer Science*, **2009**, 573-582	0.9	2
15	Paths of Bounded Length and Their Cuts: Parameterized Complexity and Algorithms. *Lecture Notes in Computer Science*, **2009**, 210-221	0.9	5
14	On tractability of Cops and Robbers game. *International Federation for Information Processing*, **2008** , 171-185		9
13	Generalized Domination in Degenerate Graphs: A Complete Dichotomy of Computational Complexity **2008**, 182-191		1
12	A PTAS for the Sparsest Spanners Problem on Apex-Minor-Free Graphs. *Lecture Notes in Computer Science*, **2008**, 290-298	0.9	
11	Spanners in Sparse Graphs. *Lecture Notes in Computer Science*, **2008**, 597-608	0.9	3

10	Computational Complexity of the Distance Constrained Labeling Problem for Trees (Extended Abstract). *Lecture Notes in Computer Science*, **2008**, 294-305	0.9	10
9	How to Guard a Graph?. *Lecture Notes in Computer Science*, **2008**, 318-329	0.9	6
8	Complexity of the Packing Coloring Problem for Trees. *Lecture Notes in Computer Science*, **2008**, 134-145	0.9	1
7	Parameterized Complexity for Domination Problems on Degenerate Graphs. *Lecture Notes in Computer Science*, **2008**, 195-205	0.9	15
6	Backbone colorings for graphs: Tree and path backbones. *Journal of Graph Theory*, **2007**, 55, 137-152	0.8	22
5	Computational Complexity of Generalized Domination: A Complete Dichotomy for Chordal Graphs **2007**, 1-11		3
4	Distance Constrained Labelings of Graphs of Bounded Treewidth. *Lecture Notes in Computer Science* , **2005**, 360-372	0.9	18
3	Elegant Distance Constrained Labelings of Trees. *Lecture Notes in Computer Science*, **2004**, 58-67	0.9	1
2	Graph Searching and Interval Completion. *SIAM Journal on Discrete Mathematics*, **2000**, 13, 454-464	0.7	27
1	Parameterized Complexity of Directed Spanner Problems. *Algorithmica*,1	0.9	