GwenaÃ«l Joret

List of Publications by Year
in descending order

60 papers	**480** citations	840776 **11** h-index	940533 **16** g-index
63 all docs	**63** docs citations	**63** times ranked	**276** citing authors

#	Article	IF	Citations
1	The Stackelberg Minimum Spanning Tree Game. Algorithmica, 2011, 59, 129-144.	1.3	30
2	Nonrepetitive colouring via entropy compression. Combinatorica, 2016, 36, 661-686.	1.2	28
3	Tree-width and dimension. Combinatorica, 2016, 36, 431-450.	1.2	23
4	Tight Results on Minimum Entropy Set Cover. Algorithmica, 2008, 51, 49-60.	1.3	22
5	Assortment Optimisation Under a General Discrete Choice Model: A Tight Analysis of Revenue-Ordered Assortments. Algorithmica, 2020, 82, 681-720.	1.3	21
6	Colouring Planar Graphs With Three Colours and No Large Monochromatic Components. Combinatorics Probability and Computing, 2014, 23, 551-570.	1.3	20
7	Approximating the balanced minimum evolution problem. Operations Research Letters, 2012, 40, 31-35.	0.7	17
8	Facets of the linear ordering polytope: A unification for the fence family through weighted graphs. Journal of Mathematical Psychology, 2006, 50, 251-262.	1.8	14
9	Boxicity of Graphs on Surfaces. Graphs and Combinatorics, 2013, 29, 417-427.	0.4	14
10	On the Dimension of Posets with Cover Graphs of Treewidth 2. Order, 2017, 34, 185-234.	0.5	13
11	Hitting and Harvesting Pumpkins. SIAM Journal on Discrete Mathematics, 2014, 28, 1363-1390.	0.8	12
12	Irreducible triangulations are small. Journal of Combinatorial Theory Series B, 2010, 100, 446-455.	1.0	11
13	First-Fit is Linear on Posets Excluding Two Long Incomparable Chains. Order, 2011, 28, 455-464.	0.5	11
14	Small minors in dense graphs. European Journal of Combinatorics, 2012, 33, 1226-1245.	0.8	11
15	Progress on the Adjacent Vertex Distinguishing Edge Coloring Conjecture. SIAM Journal on Discrete Mathematics, 2020, 34, 2221-2238.	0.8	11
16	On the maximum number of cliques in a graph embedded in a surface. European Journal of Combinatorics, 2011, 32, 1244-1252.	0.8	10
17	The Stackelberg minimum spanning tree game on planar and bounded-treewidth graphs. Journal of Combinatorial Optimization, 2013, 25, 19-46.	1.3	10
18	Turán's theorem and k-connected graphs. Journal of Graph Theory, 2008, 58, 1-13.	0.9	9

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19	Minimum entropy orientations. Operations Research Letters, 2008, 36, 680-683.	0.7	9
20	An Improved Bound for First-Fit on Posets Without Two Long Incomparable Chains. SIAM Journal on Discrete Mathematics, 2012, 26, 1068-1075.	0.8	9
21	The Stackelberg Minimum Spanning Tree Game. Lecture Notes in Computer Science, 2007, , 64-76.	1.3	9
22	An Efficient Algorithm for Partial Order Production. SIAM Journal on Computing, 2010, 39, 2927-2940.	1.0	8
23	Excluded Forest Minors and the ErdŐs–Pósa Property. Combinatorics Probability and Computing, 2013, 22, 700-721.	1.3	8
24	A Note on the Cops and Robber Game on Graphs Embedded in Non-Orientable Surfaces. Graphs and Combinatorics, 2014, 30, 119-124.	0.4	8
25	Smaller Extended Formulations for the Spanning Tree Polytope of Bounded-Genus Graphs. Discrete and Computational Geometry, 2017, 57, 757-761.	0.6	8
26	Minimum entropy coloring. Journal of Combinatorial Optimization, 2008, 16, 361-377.	1.3	7
27	Sorting under partial information (without the ellipsoid algorithm). Combinatorica, 2013, 33, 655-697.	1.2	7
28	Planar Posets Have Dimension at Most Linear in Their Height. SIAM Journal on Discrete Mathematics, 2017, 31, 2754-2790.	0.8	7
29	Improved approximation algorithms for hitting 3-vertex paths. Mathematical Programming, 2020, 182, 355-367.	2.4	7
30	Minimum Entropy Coloring. Lecture Notes in Computer Science, 2005, , 819-828.	1.3	7
31	Improved Approximation Algorithms for Hitting 3-Vertex Paths. Lecture Notes in Computer Science, 2016, , 238-249.	1.3	7
32	Well-balanced orientations of mixed graphs. Information Processing Letters, 2008, 106, 149-151.	0.6	6
33	Complete graph minors and the graph minor structure theorem. Journal of Combinatorial Theory Series B, 2013, 103, 61-74.	1.0	6
34	Orthogonal Tree Decompositions of Graphs. SIAM Journal on Discrete Mathematics, 2018, 32, 839-863.	0.8	6
35	Sparsity and Dimension. Combinatorica, 2018, 38, 1129-1148.	1.2	6
36	An efficient algorithm for partial order production. , 2009, , .		5

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37	Stackelberg network pricing is hard to approximate. Networks, 2010, 57, n/a-n/a.	2.7	5
38	Minimum Entropy Combinatorial Optimization Problems. Theory of Computing Systems, 2012, 51, 4-21.	1.1	5
39	The Excluded Minors for Isometric Realizability in the Plane. SIAM Journal on Discrete Mathematics, 2017, 31, 438-453.	0.8	5
40	Nowhere Dense Graph Classes and Dimension. Combinatorica, 2019, 39, 1055-1079.	1.2	4
41	The Stackelberg Minimum Spanning Tree Game on Planar and Bounded-Treewidth Graphs. Lecture Notes in Computer Science, 2009, , 125-136.	1.3	4
42	Nordhausâ€"Gaddum for treewidth. European Journal of Combinatorics, 2012, 33, 488-490.	0.8	3
43	Weighted graphs defining facets: A connection between stable set and linear ordering polytopes. Discrete Optimization, 2009, 6, 1-9.	0.9	2
44	Trees with Given Stability Number and Minimum Number of Stable Sets. Graphs and Combinatorics, 2012, 28, 167-187.	0.4	2
45	A Tight ErdÃ¶s--PÃ³sa Function for Wheel Minors. SIAM Journal on Discrete Mathematics, 2018, 32, 2302-2312.	0.8	2
46	Minor-Closed Graph Classes with Bounded Layered Pathwidth. SIAM Journal on Discrete Mathematics, 2020, 34, 1693-1709.	0.8	2
47	Seymourâ€™s Conjecture on 2-Connected Graphs of Large Pathwidth. Combinatorica, 2020, 40, 839-868.	1.2	2
48	Minimum Entropy Combinatorial Optimization Problems. Lecture Notes in Computer Science, 2009, , 79-88.	1.3	2
49	Excluding a Ladder. Combinatorica, 2022, 42, 405-432.	1.2	2
50	A Linear-Time Algorithm for Finding a Complete Graph Minor in a Dense Graph. SIAM Journal on Discrete Mathematics, 2013, 27, 1770-1774.	0.8	1
51	Hitting All Maximal Independent Sets of a Bipartite Graph. Algorithmica, 2015, 72, 359-368.	1.3	1
52	A tight ErdÅ's-PÃ³sa function for planar minors. , 2019, , 1485-1500.		1
53	ErdÃ¶s--PÃ³sa from Ball Packing. SIAM Journal on Discrete Mathematics, 2020, 34, 1609-1619.	0.8	1
54	On a weighted generalization of Î±-critical graphs. Electronic Notes in Discrete Mathematics, 2005, 22, 401-404.	0.4	0

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55	On a theorem of Sewell and Trotter. European Journal of Combinatorics, 2009, 30, 425-428.	0.8	0
56	Empty Pentagons in Point Sets with Collinearities. SIAM Journal on Discrete Mathematics, 2015, 29, 198-209.	0.8	0
57	Burling graphs, chromatic number, and orthogonal tree-decompositions. Electronic Notes in Discrete Mathematics, 2017, 61, 415-420.	0.4	0
58	K_4-Minor-Free Induced Subgraphs of Sparse Connected Graphs. SIAM Journal on Discrete Mathematics, 2018, 32, 123-147.	0.8	0
59	Packing and Covering Balls in Graphs Excluding a Minor. Combinatorica, 2021, 41, 299-318.	1.2	0
60	Unavoidable Minors for Graphs with Large ℓ_p-Dimension. Discrete and Computational Geometry, 2021, 66, 301-343.	0.6	0