

Gwenaïl Joret

List of Publications by Year in descending order

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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	Excluding a Ladder. <i>Combinatorica</i> , 2022, 42, 405-432.	1.2	2
2	Packing and Covering Balls in Graphs Excluding a Minor. <i>Combinatorica</i> , 2021, 41, 299-318.	1.2	0
3	Unavoidable Minors for Graphs with Large ℓ_p -Dimension. <i>Discrete and Computational Geometry</i> , 2021, 66, 301-343.	0.6	0
4	Improved approximation algorithms for hitting 3-vertex paths. <i>Mathematical Programming</i> , 2020, 182, 355-367.	2.4	7
5	Assortment Optimisation Under a General Discrete Choice Model: A Tight Analysis of Revenue-Ordered Assortments. <i>Algorithmica</i> , 2020, 82, 681-720.	1.3	21
6	Minor-Closed Graph Classes with Bounded Layered Pathwidth. <i>SIAM Journal on Discrete Mathematics</i> , 2020, 34, 1693-1709.	0.8	2
7	Erdős-Pósa from Ball Packing. <i>SIAM Journal on Discrete Mathematics</i> , 2020, 34, 1609-1619.	0.8	1
8	Seymour's Conjecture on 2-Connected Graphs of Large Pathwidth. <i>Combinatorica</i> , 2020, 40, 839-868.	1.2	2
9	Progress on the Adjacent Vertex Distinguishing Edge Coloring Conjecture. <i>SIAM Journal on Discrete Mathematics</i> , 2020, 34, 2221-2238.	0.8	11
10	Nowhere Dense Graph Classes and Dimension. <i>Combinatorica</i> , 2019, 39, 1055-1079.	1.2	4
11	A tight Erdős-Pósa function for planar minors. , 2019, , 1485-1500.		1
12	Orthogonal Tree Decompositions of Graphs. <i>SIAM Journal on Discrete Mathematics</i> , 2018, 32, 839-863.	0.8	6
13	K_4 -Minor-Free Induced Subgraphs of Sparse Connected Graphs. <i>SIAM Journal on Discrete Mathematics</i> , 2018, 32, 123-147.	0.8	0
14	A Tight Erdős-Pósa Function for Wheel Minors. <i>SIAM Journal on Discrete Mathematics</i> , 2018, 32, 2302-2312.	0.8	2
15	Sparsity and Dimension. <i>Combinatorica</i> , 2018, 38, 1129-1148.	1.2	6
16	The Excluded Minors for Isometric Realizability in the Plane. <i>SIAM Journal on Discrete Mathematics</i> , 2017, 31, 438-453.	0.8	5
17	Burling graphs, chromatic number, and orthogonal tree-decompositions. <i>Electronic Notes in Discrete Mathematics</i> , 2017, 61, 415-420.	0.4	0
18	On the Dimension of Posets with Cover Graphs of Treewidth 2. <i>Order</i> , 2017, 34, 185-234.	0.5	13

#	ARTICLE	IF	CITATIONS
19	Smaller Extended Formulations for the Spanning Tree Polytope of Bounded-Genus Graphs. <i>Discrete and Computational Geometry</i> , 2017, 57, 757-761.	0.6	8
20	Planar Posets Have Dimension at Most Linear in Their Height. <i>SIAM Journal on Discrete Mathematics</i> , 2017, 31, 2754-2790.	0.8	7
21	Tree-width and dimension. <i>Combinatorica</i> , 2016, 36, 431-450.	1.2	23
22	Nonrepetitive colouring via entropy compression. <i>Combinatorica</i> , 2016, 36, 661-686.	1.2	28
23	Improved Approximation Algorithms for Hitting 3-Vertex Paths. <i>Lecture Notes in Computer Science</i> , 2016, , 238-249.	1.3	7
24	Empty Pentagons in Point Sets with Collinearities. <i>SIAM Journal on Discrete Mathematics</i> , 2015, 29, 198-209.	0.8	0
25	Hitting All Maximal Independent Sets of a Bipartite Graph. <i>Algorithmica</i> , 2015, 72, 359-368.	1.3	1
26	Colouring Planar Graphs With Three Colours and No Large Monochromatic Components. <i>Combinatorics Probability and Computing</i> , 2014, 23, 551-570.	1.3	20
27	A Note on the Cops and Robber Game on Graphs Embedded in Non-Orientable Surfaces. <i>Graphs and Combinatorics</i> , 2014, 30, 119-124.	0.4	8
28	Hitting and Harvesting Pumpkins. <i>SIAM Journal on Discrete Mathematics</i> , 2014, 28, 1363-1390.	0.8	12
29	Boxicity of Graphs on Surfaces. <i>Graphs and Combinatorics</i> , 2013, 29, 417-427.	0.4	14
30	A Linear-Time Algorithm for Finding a Complete Graph Minor in a Dense Graph. <i>SIAM Journal on Discrete Mathematics</i> , 2013, 27, 1770-1774.	0.8	1
31	The Stackelberg minimum spanning tree game on planar and bounded-treewidth graphs. <i>Journal of Combinatorial Optimization</i> , 2013, 25, 19-46.	1.3	10
32	Complete graph minors and the graph minor structure theorem. <i>Journal of Combinatorial Theory Series B</i> , 2013, 103, 61-74.	1.0	6
33	Sorting under partial information (without the ellipsoid algorithm). <i>Combinatorica</i> , 2013, 33, 655-697.	1.2	7
34	Excluded Forest Minors and the Erdős Property. <i>Combinatorics Probability and Computing</i> , 2013, 22, 700-721.	1.3	8
35	An Improved Bound for First-Fit on Posets Without Two Long Incomparable Chains. <i>SIAM Journal on Discrete Mathematics</i> , 2012, 26, 1068-1075.	0.8	9
36	Minimum Entropy Combinatorial Optimization Problems. <i>Theory of Computing Systems</i> , 2012, 51, 4-21.	1.1	5

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37	Nordhaus's addendum for treewidth. <i>European Journal of Combinatorics</i> , 2012, 33, 488-490.	0.8	3
38	Small minors in dense graphs. <i>European Journal of Combinatorics</i> , 2012, 33, 1226-1245.	0.8	11
39	Approximating the balanced minimum evolution problem. <i>Operations Research Letters</i> , 2012, 40, 31-35.	0.7	17
40	Trees with Given Stability Number and Minimum Number of Stable Sets. <i>Graphs and Combinatorics</i> , 2012, 28, 167-187.	0.4	2
41	On the maximum number of cliques in a graph embedded in a surface. <i>European Journal of Combinatorics</i> , 2011, 32, 1244-1252.	0.8	10
42	First-Fit is Linear on Posets Excluding Two Long Incomparable Chains. <i>Order</i> , 2011, 28, 455-464.	0.5	11
43	The Stackelberg Minimum Spanning Tree Game. <i>Algorithmica</i> , 2011, 59, 129-144.	1.3	30
44	Stackelberg network pricing is hard to approximate. <i>Networks</i> , 2010, 57, n/a-n/a.	2.7	5
45	Irreducible triangulations are small. <i>Journal of Combinatorial Theory Series B</i> , 2010, 100, 446-455.	1.0	11
46	An Efficient Algorithm for Partial Order Production. <i>SIAM Journal on Computing</i> , 2010, 39, 2927-2940.	1.0	8
47	An efficient algorithm for partial order production. , 2009, , .		5
48	Weighted graphs defining facets: A connection between stable set and linear ordering polytopes. <i>Discrete Optimization</i> , 2009, 6, 1-9.	0.9	2
49	On a theorem of Sewell and Trotter. <i>European Journal of Combinatorics</i> , 2009, 30, 425-428.	0.8	0
50	Minimum Entropy Combinatorial Optimization Problems. <i>Lecture Notes in Computer Science</i> , 2009, , 79-88.	1.3	2
51	The Stackelberg Minimum Spanning Tree Game on Planar and Bounded-Treewidth Graphs. <i>Lecture Notes in Computer Science</i> , 2009, , 125-136.	1.3	4
52	Minimum entropy coloring. <i>Journal of Combinatorial Optimization</i> , 2008, 16, 361-377.	1.3	7
53	Tight Results on Minimum Entropy Set Cover. <i>Algorithmica</i> , 2008, 51, 49-60.	1.3	22
54	Turán's theorem and k -connected graphs. <i>Journal of Graph Theory</i> , 2008, 58, 1-13.	0.9	9

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55	Minimum entropy orientations. Operations Research Letters, 2008, 36, 680-683.	0.7	9
56	Well-balanced orientations of mixed graphs. Information Processing Letters, 2008, 106, 149-151.	0.6	6
57	The Stackelberg Minimum Spanning Tree Game. Lecture Notes in Computer Science, 2007, , 64-76.	1.3	9
58	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
59	On a weighted generalization of $\hat{1}$ -critical graphs. Electronic Notes in Discrete Mathematics, 2005, 22, 401-404.	0.4	0
60	Minimum Entropy Coloring. Lecture Notes in Computer Science, 2005, , 819-828.	1.3	7