Florent Foucaud

List of Publications by Year
in descending order

36 papers	318 citations	933447 10 h-index	940533 16 g-index
36 all docs	36 docs citations	36 times ranked	113 citing authors

#	Article	IF	Citations
1	The Red-Blue Separation Problem onÂGraphs. Lecture Notes in Computer Science, 2022, , 285-298.	1.3	1
2	On the Complexity of Broadcast Domination and Multipacking in Digraphs. Algorithmica, 2021, 83, 2651-2677.	1.3	1
3	Exact square coloring of subcubic planar graphs. Discrete Applied Mathematics, 2021, 293, 74-89.	0.9	6
4	Smallest C2â„"+1-critical graphs of odd-girth 2k+1. Discrete Applied Mathematics, 2021, , .	0.9	0
5	Characterizing extremal graphs for open neighbourhood location-domination. Discrete Applied Mathematics, 2021, 302, 76-79.	0.9	3
6	Cliques in exact distance powers of graphs of given maximum degree. Procedia Computer Science, 2021, 195, 427-436.	2.0	3
7	Complexity of planar signed graph homomorphisms to cycles. Discrete Applied Mathematics, 2020, 284, 166-178.	0.9	3
8	Domination and location in twin-free digraphs. Discrete Applied Mathematics, 2020, 284, 42-52.	0.9	5
9	Smallest $$C_{2l+1}$$-Critical Graphs of Odd-Girth $$2k+1$$. Lecture Notes in Computer Science, 2020, , 184-196.	1.3	1
10	On the Complexity of Broadcast Domination and Multipacking inÂDigraphs. Lecture Notes in Computer Science, 2020, , 264-276.	1.3	1
11	Homomorphism bounds of signed bipartite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll" id="d1e53" altimg="si30.gif"><mml:msub><mml:mrow><mml:mi>K</mml:mi></mml:mrow><mml:mrow><mml:mn>4</mml:mn></mml:mrow></mml:msub>... graphs and edge-colorings of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll" id="d1e63" altimg="si31.gif"><mml:mrow>...	0.9	2
12	Parameterized and approximation complexity of Partial VC Dimension. Theoretical Computer Science, 2019, 766, 1-15.	0.9	5
13	Bounding the Order of a Graph Using Its Diameter and Metric Dimension: A Study Through Tree Decompositions and VC Dimension. SIAM Journal on Discrete Mathematics, 2018, 32, 902-918.	0.8	6
14	Homomorphism bounds and edge-colourings of K4-minor-free graphs. Journal of Combinatorial Theory Series B, 2017, 124, 128-164.	1.0	8
15	Identification, locationâ€"domination and metric dimension on interval and permutation graphs. I. Bounds. Theoretical Computer Science, 2017, 668, 43-58.	0.9	22
16	The complexity of tropical graph homomorphisms. Discrete Applied Mathematics, 2017, 229, 64-81.	0.9	7
17	Location-domination in line graphs. Discrete Mathematics, 2017, 340, 3140-3153.	0.7	7
18	Identification, Location-Domination and Metric Dimension on Interval and Permutation Graphs. II. Algorithms and Complexity. Algorithmica, 2017, 78, 914-944.	1.3	32

#	Article	IF	Citations
19	The complexity of signed graph and edge-coloured graph homomorphisms. Discrete Mathematics, 2017, 340, 223-235.	0.7	19
20	Algorithms and Complexity for Metric Dimension and Location-domination on Interval and Permutation Graphs. Lecture Notes in Computer Science, 2016, , 456-471.	1.3	10
21	Location-domination and matching in cubic graphs. Discrete Mathematics, 2016, 339, 1221-1231.	0.7	9
22	Locating–dominating sets in twin-free graphs. Discrete Applied Mathematics, 2016, 200, 52-58.	0.9	27
23	Locating-Total Dominating Sets in Twin-Free Graphs: a Conjecture. Electronic Journal of Combinatorics, 2016, 23, .	0.4	2
24	On the Approximability of PartialÂVCÂDimension. Lecture Notes in Computer Science, 2016, , 92-106.	1.3	19
25	Decision and approximation complexity for identifying codes and locating-dominating sets in restricted graph classes. Journal of Discrete Algorithms, 2015, 31, 48-68.	0.7	18
26	Centroidal bases in graphs. Networks, 2014, 64, 96-108.	2.7	6
27	Identifying Codes in Line Graphs. Journal of Graph Theory, 2013, 73, 425-448.	0.9	22
28	Characterizing Extremal Digraphs for Identifying Codes and Extremal Cases of Bondy's Theorem on Induced Subsets. Graphs and Combinatorics, 2013, 29, 463-473.	0.4	8
29	Identifying path covers in graphs. Journal of Discrete Algorithms, 2013, 23, 21-34.	0.7	6
30	The Complexity of the Identifying Code Problem in Restricted Graph Classes. Lecture Notes in Computer Science, 2013, , 150-163.	1.3	7
31	On Graph Identification Problems and the Special Case of Identifying Vertices Using Paths. Lecture Notes in Computer Science, 2012, , 32-45.	1.3	0
32	On the size of identifying codes in triangle-free graphs. Discrete Applied Mathematics, 2012, 160, 1532-1546.	0.9	13
33	Bounds for Identifying Codes in Terms of Degree Parameters. Electronic Journal of Combinatorics, 2012, 19, .	0.4	13
34	Edge identifying codes. Electronic Notes in Discrete Mathematics, 2011, 38, 343-348.	0.4	0
35	Extremal graphs for the identifying code problem. European Journal of Combinatorics, 2011, 32, 628-638.	0.8	26
36	Graph Modification for Edge-Coloured and Signed Graph Homomorphism Problems: Parameterized and Classical Complexity. Algorithmica, 0, , 1.	1.3	0