

# Florent Foucaud

## List of Publications by Year in descending order

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36  
papers

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citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Identification, Location-Domination and Metric Dimension on Interval and Permutation Graphs. II. Algorithms and Complexity. <i>Algorithmica</i> , 2017, 78, 914-944.	1.3	32
2	Locating $\alpha$ -dominating sets in twin-free graphs. <i>Discrete Applied Mathematics</i> , 2016, 200, 52-58.	0.9	27
3	Extremal graphs for the identifying code problem. <i>European Journal of Combinatorics</i> , 2011, 32, 628-638.	0.8	26
4	Identifying Codes in Line Graphs. <i>Journal of Graph Theory</i> , 2013, 73, 425-448.	0.9	22
5	Identification, location $\alpha$ -domination and metric dimension on interval and permutation graphs. I. Bounds. <i>Theoretical Computer Science</i> , 2017, 668, 43-58.	0.9	22
6	The complexity of signed graph and edge-coloured graph homomorphisms. <i>Discrete Mathematics</i> , 2017, 340, 223-235.	0.7	19
7	On the Approximability of Partial VC-Dimension. <i>Lecture Notes in Computer Science</i> , 2016, , 92-106.	1.3	19
8	Decision and approximation complexity for identifying codes and locating-dominating sets in restricted graph classes. <i>Journal of Discrete Algorithms</i> , 2015, 31, 48-68.	0.7	18
9	On the size of identifying codes in triangle-free graphs. <i>Discrete Applied Mathematics</i> , 2012, 160, 1532-1546.	0.9	13
10	Bounds for Identifying Codes in Terms of Degree Parameters. <i>Electronic Journal of Combinatorics</i> , 2012, 19, .	0.4	13
11	Algorithms and Complexity for Metric Dimension and Location-domination on Interval and Permutation Graphs. <i>Lecture Notes in Computer Science</i> , 2016, , 456-471.	1.3	10
12	Location-domination and matching in cubic graphs. <i>Discrete Mathematics</i> , 2016, 339, 1221-1231.	0.7	9
13	Characterizing Extremal Digraphs for Identifying Codes and Extremal Cases of Bondy's Theorem on Induced Subsets. <i>Graphs and Combinatorics</i> , 2013, 29, 463-473.	0.4	8
14	Homomorphism bounds and edge-colourings of $K_4$ -minor-free graphs. <i>Journal of Combinatorial Theory Series B</i> , 2017, 124, 128-164.	1.0	8
15	The complexity of tropical graph homomorphisms. <i>Discrete Applied Mathematics</i> , 2017, 229, 64-81.	0.9	7
16	Location-domination in line graphs. <i>Discrete Mathematics</i> , 2017, 340, 3140-3153.	0.7	7
17	The Complexity of the Identifying Code Problem in Restricted Graph Classes. <i>Lecture Notes in Computer Science</i> , 2013, , 150-163.	1.3	7
18	Identifying path covers in graphs. <i>Journal of Discrete Algorithms</i> , 2013, 23, 21-34.	0.7	6

#	ARTICLE	IF	CITATIONS
19	Centroidal bases in graphs. <i>Networks</i> , 2014, 64, 96-108.	2.7	6
20	Bounding the Order of a Graph Using Its Diameter and Metric Dimension: A Study Through Tree Decompositions and VC Dimension. <i>SIAM Journal on Discrete Mathematics</i> , 2018, 32, 902-918.	0.8	6
21	Exact square coloring of subcubic planar graphs. <i>Discrete Applied Mathematics</i> , 2021, 293, 74-89.	0.9	6
22	Parameterized and approximation complexity of Partial VC Dimension. <i>Theoretical Computer Science</i> , 2019, 766, 1-15.	0.9	5
23	Domination and location in twin-free digraphs. <i>Discrete Applied Mathematics</i> , 2020, 284, 42-52.	0.9	5
24	Complexity of planar signed graph homomorphisms to cycles. <i>Discrete Applied Mathematics</i> , 2020, 284, 166-178.	0.9	3
25	Characterizing extremal graphs for open neighbourhood location-domination. <i>Discrete Applied Mathematics</i> , 2021, 302, 76-79.	0.9	3
26	Cliques in exact distance powers of graphs of given maximum degree. <i>Procedia Computer Science</i> , 2021, 195, 427-436.	2.0	3
27	Upper bounds of signed bipartite graphs and edge-colorings of	0.9	2
28	Locating-Total Dominating Sets in Twin-Free Graphs: a Conjecture. <i>Electronic Journal of Combinatorics</i> , 2016, 23, .	0.4	2
29	On the Complexity of Broadcast Domination and Multipacking in Digraphs. <i>Algorithmica</i> , 2021, 83, 2651-2677.	1.3	1
30	Smallest $C_{2l+1}$ -Critical Graphs of Odd-Girth $2k+1$ . <i>Lecture Notes in Computer Science</i> , 2020, , 184-196.	1.3	1
31	On the Complexity of Broadcast Domination and Multipacking in Digraphs. <i>Lecture Notes in Computer Science</i> , 2020, , 264-276.	1.3	1
32	The Red-Blue Separation Problem on Digraphs. <i>Lecture Notes in Computer Science</i> , 2022, , 285-298.	1.3	1
33	Edge identifying codes. <i>Electronic Notes in Discrete Mathematics</i> , 2011, 38, 343-348.	0.4	0
34	On Graph Identification Problems and the Special Case of Identifying Vertices Using Paths. <i>Lecture Notes in Computer Science</i> , 2012, , 32-45.	1.3	0
35	Smallest $C_{2l+1}$ -critical graphs of odd-girth $2k+1$ . <i>Discrete Applied Mathematics</i> , 2021, , .	0.9	0
36	Graph Modification for Edge-Coloured and Signed Graph Homomorphism Problems: Parameterized and Classical Complexity. <i>Algorithmica</i> , 0, , 1.	1.3	0