

Flavia Bonomo

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	NP-completeness results for edge modification problems. <i>Discrete Applied Mathematics</i> , 2006, 154, 1824-1844.	0.5	62
2	Three-Coloring and List Three-Coloring of Graphs Without Induced Paths on Seven Vertices. <i>Combinatorica</i> , 2018, 38, 779-801.	0.6	47
3	On the b-Coloring of Cographs and P 4-Sparse Graphs. <i>Graphs and Combinatorics</i> , 2009, 25, 153-167.	0.2	42
4	On Balanced Graphs. <i>Mathematical Programming</i> , 2006, 105, 233-250.	1.6	34
5	Bounded coloring of co-comparability graphs and the pickup and delivery tour combination problem. <i>Theoretical Computer Science</i> , 2011, 412, 6261-6268.	0.5	31
6	An Application of the Traveling Tournament Problem: The Argentine Volleyball League. <i>Interfaces</i> , 2012, 42, 245-259.	1.6	23
7	Exploring the complexity boundary between coloring and list-coloring. <i>Annals of Operations Research</i> , 2009, 169, 3-16.	2.6	20
8	Partial characterizations of clique-perfect graphs I: Subclasses of claw-free graphs. <i>Discrete Applied Mathematics</i> , 2008, 156, 1058-1082.	0.5	19
9	Partial characterizations of clique-perfect graphs II: Diamond-free and Helly circular-arc graphs. <i>Discrete Mathematics</i> , 2009, 309, 3485-3499.	0.4	19
10	Analysis and models of bilateral investment treaties using a social networks approach. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2010, 389, 3661-3673.	1.2	19
11	Mathematical programming as a tool for virtual soccer coaches: a case study of a fantasy sport game. <i>International Transactions in Operational Research</i> , 2014, 21, 399-414.	1.8	15
12	On the b -coloring of P -graphs. <i>Discrete Applied Mathematics</i> , 2011, 159, 60-68.	0.5	14
13	Domination parameters with number $2P_4$. Interrelations and algorithmic consequences. <i>Discrete Applied Mathematics</i> , 2018, 235, 23-50.	0.5	14
14	Partial characterizations of circular-arc graphs. <i>Journal of Graph Theory</i> , 2009, 61, 289-306.	0.5	13
15	A one-to-one correspondence between potential solutions of the cluster deletion problem and the minimum sum coloring problem, and its application to b -coloring of P -graphs. <i>Information Processing Letters</i> , 2015, 115, 600-603.	0.4	13
16	Complexity of the cluster deletion problem on subclasses of chordal graphs. <i>Theoretical Computer Science</i> , 2015, 600, 59-69.	0.5	13
17	On the thinness and proper thinness of a graph. <i>Discrete Applied Mathematics</i> , 2019, 261, 78-92.	0.5	13
18	Self-clique Helly circular-arc graphs. <i>Discrete Mathematics</i> , 2006, 306, 595-597.	0.4	12

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19	Graph classes with and without powers of bounded clique-width. Discrete Applied Mathematics, 2016, 199, 3-15.	0.5	11
20	Clique-perfectness of complements of line graphs. Discrete Applied Mathematics, 2015, 186, 19-44.	0.5	9
21	Partial characterizations of clique-perfect and coordinated graphs: Superclasses of triangle-free graphs. Discrete Applied Mathematics, 2009, 157, 3511-3518.	0.5	8
22	Clique coloring B1-EPG graphs. Discrete Mathematics, 2017, 340, 1008-1011.	0.4	8
23	Vertex Intersection Graphs of Paths on a Grid: Characterization Within Block Graphs. Graphs and Combinatorics, 2017, 33, 653-664.	0.2	8
24	Between coloring and list-coloring: $\frac{1}{4}$ -coloring. Electronic Notes in Discrete Mathematics, 2005, 19, 117-123.	0.4	7
25	Minimum Sum Coloring of P4-sparse graphs. Electronic Notes in Discrete Mathematics, 2009, 35, 293-298.	0.4	7
26	Forbidden subgraphs and the König-Egerváry property. Discrete Applied Mathematics, 2013, 161, 2380-2388.	0.5	7
27	On the bend number of circular-arc graphs as edge intersection graphs of paths on a grid. Discrete Applied Mathematics, 2018, 234, 12-21.	0.5	7
28	Partial characterizations of coordinated graphs: line graphs and complements of forests. Mathematical Methods of Operations Research, 2009, 69, 251-270.	0.4	6
29	Perfectness of clustered graphs. Discrete Optimization, 2013, 10, 296-303.	0.6	6
30	On the Minimum Sum Coloring of P4-Sparse Graphs. Graphs and Combinatorics, 2014, 30, 303-314.	0.2	6
31	Exploring the complexity boundary between coloring and list-coloring. Electronic Notes in Discrete Mathematics, 2006, 25, 41-47.	0.4	5
32	Partial characterizations of circle graphs. Discrete Applied Mathematics, 2011, 159, 1699-1706.	0.5	5
33	Minimum Weighted Clique Cover on Strip-Composed Perfect Graphs. Lecture Notes in Computer Science, 2012, , 22-33.	1.0	5
34	On minimal forbidden subgraph characterizations of balanced graphs. Electronic Notes in Discrete Mathematics, 2009, 35, 41-46.	0.4	4
35	On the $L(2, 1)$ -labelling of block graphs. International Journal of Computer Mathematics, 2011, 88, 468-475.	1.0	4
36	Better 3-coloring algorithms: Excluding a triangle and a seven vertex path. Theoretical Computer Science, 2021, 850, 98-115.	0.5	4

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37	Solving Problems on Generalized Convex Graphs via Mim-Width. Lecture Notes in Computer Science, 2021, , 200-214.	1.0	4
38	Thinness of product graphs. Discrete Applied Mathematics, 2022, 312, 52-71.	0.5	4
39	A polyhedral study of the maximum edge subgraph problem. Electronic Notes in Discrete Mathematics, 2009, 35, 197-202.	0.4	3
40	Balancedness of some subclasses of circular-arc graphs. Electronic Notes in Discrete Mathematics, 2010, 36, 1121-1128.	0.4	3
41	Clique-perfectness of complements of line graphs. Electronic Notes in Discrete Mathematics, 2011, 37, 327-332.	0.4	3
42	Minimum sum set coloring of trees and line graphs of trees. Discrete Applied Mathematics, 2011, 159, 288-294.	0.5	3
43	A polyhedral study of the maximum edge subgraph problem. Discrete Applied Mathematics, 2012, 160, 2573-2590.	0.5	3
44	On minimal forbidden subgraph characterizations of balanced graphs. Discrete Applied Mathematics, 2013, 161, 1925-1942.	0.5	3
45	Clique-perfectness and balancedness of some graph classes. International Journal of Computer Mathematics, 2014, 91, 2118-2141.	1.0	3
46	On some graph classes related to perfect graphs: A survey. Discrete Applied Mathematics, 2020, 281, 42-60.	0.5	3
47	A new approach on locally checkable problems. Discrete Applied Mathematics, 2022, 314, 53-80.	0.5	3
48	Computational complexity of edge modification problems in different classes of graphs. Electronic Notes in Discrete Mathematics, 2004, 18, 41-46.	0.4	2
49	Characterization and recognition of Helly circular-arc clique-perfect graphs. Electronic Notes in Discrete Mathematics, 2005, 22, 147-150.	0.4	2
50	A note on the Cornazâ€™s transformation to solve the graph coloring problem. Information Processing Letters, 2013, 113, 649-652.	0.4	2
51	k -Coloring is NP-hard on Co-bipartite Graphs and Polytime Solvable on Tree-Cographs. Algorithmica, 2015, 73, 289-305.	1.0	2
52	On the bend number of circular-arc graphs as edge intersection graphs of paths on a grid. Electronic Notes in Discrete Mathematics, 2015, 50, 249-254.	0.4	2
53	k -tuple colorings of the Cartesian product of graphs. Discrete Applied Mathematics, 2018, 245, 177-182.	0.5	2
54	Computational complexity of classical problems for hereditary clique-helly graphs. Pesquisa Operacional, 2004, 24, 435-443.	0.1	2

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55	Partial characterizations of clique-perfect and coordinated graphs: superclasses of triangle-free graphs. <i>Electronic Notes in Discrete Mathematics</i> , 2008, 30, 51-56.	0.4	1
56	On coloring problems with local constraints. <i>Discrete Mathematics</i> , 2012, 312, 2027-2039.	0.4	1
57	Forbidden induced subgraph characterization of circle graphs within split graphs. <i>Discrete Applied Mathematics</i> , 2021, , .	0.5	1
58	Precedence thinness in graphs. <i>Discrete Applied Mathematics</i> , 2021, , .	0.5	1
59	On weighted clique graphs. <i>Matematica Contemporanea</i> , 2010, 39, .	0.0	1
60	Linear-time algorithms for eliminating claws in graphs. <i>International Transactions in Operational Research</i> , 2024, 31, 296-315.	1.8	1
61	On coloring problems with local constraints. <i>Electronic Notes in Discrete Mathematics</i> , 2009, 35, 215-220.	0.4	0
62	On some special classes of contact B graphs. <i>Discrete Applied Mathematics</i> , 2022, 308, 111-129.	0.5	0
63	A note on homomorphisms of Kneser hypergraphs. <i>Applied Mathematics and Computation</i> , 2020, 366, 124764.	1.4	0
64	Characterising circular-arc contact B graphs. <i>Discrete Applied Mathematics</i> , 2020, 283, 435-443.	0.5	0
65	Minimum weighted clique cover on claw-free perfect graphs. <i>Journal of Graph Theory</i> , 2021, 96, 231-268.	0.5	0
66	b -Coloring is NP-Hard on Co-Bipartite Graphs and Polytime Solvable on Tree-Cographs. <i>Lecture Notes in Computer Science</i> , 2014, , 100-111.	1.0	0
67	Intersection models for 2-thin and proper 2-thin graphs. <i>Procedia Computer Science</i> , 2021, 195, 221-229.	1.2	0
68	On PVPG graphs: a subclass of vertex intersection graphs of paths on a grid. <i>Matematica Contemporanea</i> , 2022, 48, .	0.0	0