

Flavia Bonomo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7120151/publications.pdf>

Version: 2024-02-01

68
papers

601
citations

687220

13
h-index

713332

21
g-index

73
all docs

73
docs citations

73
times ranked

324
citing authors

#	ARTICLE	IF	CITATIONS
1	Linear-time algorithms for eliminating claws in graphs. International Transactions in Operational Research, 2024, 31, 296-315.	1.8	1
2	On some special classes of contact B graphs. Discrete Applied Mathematics, 2022, 308, 111-129.	0.5	0
3	Thinness of product graphs. Discrete Applied Mathematics, 2022, 312, 52-71.	0.5	4
4	On PVPG graphs: a subclass of vertex intersection graphs of paths on a grid. Matematica Contemporanea, 2022, 48, .	0.0	0
5	A new approach on locally checkable problems. Discrete Applied Mathematics, 2022, 314, 53-80.	0.5	3
6	Minimum weighted clique cover on claw-free perfect graphs. Journal of Graph Theory, 2021, 96, 231-268.	0.5	0
7	Better 3-coloring algorithms: Excluding a triangle and a seven vertex path. Theoretical Computer Science, 2021, 850, 98-115.	0.5	4
8	Solving Problems on Generalized Convex Graphs via Mim-Width. Lecture Notes in Computer Science, 2021, , 200-214.	1.0	4
9	Forbidden induced subgraph characterization of circle graphs within split graphs. Discrete Applied Mathematics, 2021, , .	0.5	1
10	Precedence thinness in graphs. Discrete Applied Mathematics, 2021, , .	0.5	1
11	Intersection models for 2-thin and proper 2-thin graphs. Procedia Computer Science, 2021, 195, 221-229.	1.2	0
12	On some graph classes related to perfect graphs: A survey. Discrete Applied Mathematics, 2020, 281, 42-60.	0.5	3
13	A note on homomorphisms of Kneser hypergraphs. Applied Mathematics and Computation, 2020, 366, 124764.	1.4	0
14	Characterising circular-arc contact B graphs. Discrete Applied Mathematics, 2020, 283, 435-443.	0.5	0
15	On the thinness and proper thinness of a graph. Discrete Applied Mathematics, 2019, 261, 78-92.	0.5	13
16	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
17	k -tuple colorings of the Cartesian product of graphs. Discrete Applied Mathematics, 2018, 245, 177-182.	0.5	2
18	Three-Coloring and List Three-Coloring of Graphs Without Induced Paths on Seven Vertices. Combinatorica, 2018, 38, 779-801.	0.6	47

#	ARTICLE	IF	CITATIONS
19	Domination parameters with number $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml720" display="inline" overflow="scroll" altimg="si482.gif"} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:math} \rangle$: Interrelations and algorithmic consequences. Discrete Applied Mathematics, 2018, 235, 23-50.	0.5	14
20	Clique coloring B1-EPG graphs. Discrete Mathematics, 2017, 340, 1008-1011.	0.4	8
21	Vertex Intersection Graphs of Paths on a Grid: Characterization Within Block Graphs. Graphs and Combinatorics, 2017, 33, 653-664.	0.2	8
22	Graph classes with and without powers of bounded clique-width. Discrete Applied Mathematics, 2016, 199, 3-15.	0.5	11
23	b -Coloring is NP-hard on Co-bipartite Graphs and Polytime Solvable on Tree-Cographs. Algorithmica, 2015, 73, 289-305.	1.0	2
24	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
25	A one-to-one correspondence between potential solutions of the cluster deletion problem and the minimum sum coloring problem, and its application to $\langle \text{mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ia="http://www.elsevier.com/xml/ia/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/"} \rangle$. Information Processing Letters, 2015, 115, 600-603.	0.4	13
26	Clique-perfectness of complements of line graphs. Discrete Applied Mathematics, 2015, 186, 19-44.	0.5	9
27	Complexity of the cluster deletion problem on subclasses of chordal graphs. Theoretical Computer Science, 2015, 600, 59-69.	0.5	13
28	Clique-perfectness and balancedness of some graph classes. International Journal of Computer Mathematics, 2014, 91, 2118-2141.	1.0	3
29	On the Minimum Sum Coloring of P 4-Sparse Graphs. Graphs and Combinatorics, 2014, 30, 303-314.	0.2	6
30	Mathematical programming as a tool for virtual soccer coaches: a case study of a fantasy sport game. International Transactions in Operational Research, 2014, 21, 399-414.	1.8	15
31	b -Coloring is NP-Hard on Co-Bipartite Graphs and Polytime Solvable on Tree-Cographs. Lecture Notes in Computer Science, 2014, , 100-111.	1.0	0
32	A note on the Cornaz's transformation to solve the graph coloring problem. Information Processing Letters, 2013, 113, 649-652.	0.4	2
33	On minimal forbidden subgraph characterizations of balanced graphs. Discrete Applied Mathematics, 2013, 161, 1925-1942.	0.5	3
34	Perfectness of clustered graphs. Discrete Optimization, 2013, 10, 296-303.	0.6	6
35	Forbidden subgraphs and the Egervary property. Discrete Applied Mathematics, 2013, 161, 2380-2388.	0.5	7
36	Minimum Weighted Clique Cover on Strip-Composed Perfect Graphs. Lecture Notes in Computer Science, 2012, , 22-33.	1.0	5

#	ARTICLE	IF	CITATIONS
37	An Application of the Traveling Tournament Problem: The Argentine Volleyball League. <i>Interfaces</i> , 2012, 42, 245-259.	1.6	23
38	A polyhedral study of the maximum edge subgraph problem. <i>Discrete Applied Mathematics</i> , 2012, 160, 2573-2590.	0.5	3
39	On coloring problems with local constraints. <i>Discrete Mathematics</i> , 2012, 312, 2027-2039.	0.4	1
40	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
41	Partial characterizations of circle graphs. <i>Discrete Applied Mathematics</i> , 2011, 159, 1699-1706.	0.5	5
42	On the b -coloring of P -graphs. <i>Discrete Applied Mathematics</i> , 2011, 159, 60-68.	0.5	14
43	Clique-perfectness of complements of line graphs. <i>Electronic Notes in Discrete Mathematics</i> , 2011, 37, 327-332.	0.4	3
44	Minimum sum set coloring of trees and line graphs of trees. <i>Discrete Applied Mathematics</i> , 2011, 159, 288-294.	0.5	3
45	On the $L(2, 1)$ -labelling of block graphs. <i>International Journal of Computer Mathematics</i> , 2011, 88, 468-475.	1.0	4
46	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
47	Balancedness of some subclasses of circular-arc graphs. <i>Electronic Notes in Discrete Mathematics</i> , 2010, 36, 1121-1128.	0.4	3
48	On weighted clique graphs. <i>Matematica Contemporanea</i> , 2010, 39, .	0.0	1
49	Partial characterizations of circular-arc graphs. <i>Journal of Graph Theory</i> , 2009, 61, 289-306.	0.5	13
50	Exploring the complexity boundary between coloring and list-coloring. <i>Annals of Operations Research</i> , 2009, 169, 3-16.	2.6	20
51	Partial characterizations of coordinated graphs: line graphs and complements of forests. <i>Mathematical Methods of Operations Research</i> , 2009, 69, 251-270.	0.4	6
52	A polyhedral study of the maximum edge subgraph problem. <i>Electronic Notes in Discrete Mathematics</i> , 2009, 35, 197-202.	0.4	3
53	On coloring problems with local constraints. <i>Electronic Notes in Discrete Mathematics</i> , 2009, 35, 215-220.	0.4	0
54	Minimum Sum Coloring of P_4 -sparse graphs. <i>Electronic Notes in Discrete Mathematics</i> , 2009, 35, 293-298.	0.4	7

#	ARTICLE	IF	CITATIONS
55	Partial characterizations of clique-perfect and coordinated graphs: Superclasses of triangle-free graphs. <i>Discrete Applied Mathematics</i> , 2009, 157, 3511-3518.	0.5	8
56	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
57	On minimal forbidden subgraph characterizations of balanced graphs. <i>Electronic Notes in Discrete Mathematics</i> , 2009, 35, 41-46.	0.4	4
58	On the b-Coloring of Cographs and P 4-Sparse Graphs. <i>Graphs and Combinatorics</i> , 2009, 25, 153-167.	0.2	42
59	Partial characterizations of clique-perfect graphs I: Subclasses of claw-free graphs. <i>Discrete Applied Mathematics</i> , 2008, 156, 1058-1082.	0.5	19
60	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
61	NP-completeness results for edge modification problems. <i>Discrete Applied Mathematics</i> , 2006, 154, 1824-1844.	0.5	62
62	Self-clique Helly circular-arc graphs. <i>Discrete Mathematics</i> , 2006, 306, 595-597.	0.4	12
63	Exploring the complexity boundary between coloring and list-coloring. <i>Electronic Notes in Discrete Mathematics</i> , 2006, 25, 41-47.	0.4	5
64	On Balanced Graphs. <i>Mathematical Programming</i> , 2006, 105, 233-250.	1.6	34
65	Between coloring and list-coloring: $\hat{1}/4$ -coloring. <i>Electronic Notes in Discrete Mathematics</i> , 2005, 19, 117-123.	0.4	7
66	Characterization and recognition of Helly circular-arc clique-perfect graphs. <i>Electronic Notes in Discrete Mathematics</i> , 2005, 22, 147-150.	0.4	2
67	Computational complexity of edge modification problems in different classes of graphs. <i>Electronic Notes in Discrete Mathematics</i> , 2004, 18, 41-46.	0.4	2
68	Computational complexity of classical problems for hereditary clique-helly graphs. <i>Pesquisa Operacional</i> , 2004, 24, 435-443.	0.1	2