

B S Panda

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

466
citations

840776

11
h-index

794594

19
g-index

52
all docs

52
docs citations

52
times ranked

161
citing authors

#	ARTICLE	IF	CITATIONS
1	A linear time recognition algorithm for proper interval graphs. Information Processing Letters, 2003, 87, 153-161.	0.6	58
2	Identifying influential nodes in Social Networks: Neighborhood Coreness based voting approach. Physica A: Statistical Mechanics and Its Applications, 2020, 553, 124215.	2.6	52
3	IM-ELPR: Influence maximization in social networks using label propagation based community structure. Applied Intelligence, 2021, 51, 7647-7665.	5.3	36
4	Community detection in complex networks using network embedding and gravitational search algorithm. Journal of Intelligent Information Systems, 2021, 57, 51-72.	3.9	32
5	Modeling information diffusion in online social networks using a modified forest-fire model. Journal of Intelligent Information Systems, 2021, 56, 355-377.	3.9	31
6	Link prediction in complex networks using node centrality and light gradient boosting machine. World Wide Web, 2022, 25, 2487-2513.	4.0	22
7	Minimum paired-dominating set in chordal bipartite graphs and perfect elimination bipartite graphs. Journal of Combinatorial Optimization, 2013, 26, 770-785.	1.3	16
8	Domination in some subclasses of bipartite graphs. Discrete Applied Mathematics, 2019, 252, 51-66.	0.9	16
9	Intersection graphs of vertex disjoint paths in a tree. Discrete Mathematics, 1995, 146, 179-209.	0.7	15
10	MDER: modified degree with exclusion ratio algorithm for influence maximisation in social networks. Computing (Vienna/New York), 2022, 104, 359-382.	4.8	14
11	Liarâ€™s domination in graphs: Complexity and algorithm. Discrete Applied Mathematics, 2013, 161, 1085-1092.	0.9	13
12	Algorithmic aspects of b-disjunctive domination in graphs. Journal of Combinatorial Optimization, 2018, 36, 572-590.	1.3	12
13	ACYCLIC MATCHINGS IN SUBCLASSES OF BIPARTITE GRAPHS. Discrete Mathematics, Algorithms and Applications, 2012, 04, 1250050.	0.6	10
14	A linear time algorithm to compute a minimum restrained dominating set in proper interval graphs. Discrete Mathematics, Algorithms and Applications, 2015, 07, 1550020.	0.6	9
15	-labeling of dually chordal graphs and strongly orderable graphs. Information Processing Letters, 2012, 112, 552-556.	0.6	8
16	A linear time algorithm for computing a minimum paired-dominating set of a convex bipartite graph. Discrete Applied Mathematics, 2013, 161, 1776-1783.	0.9	8
17	Computing a minimum paired-dominating set in strongly orderable graphs. Discrete Applied Mathematics, 2019, 253, 37-50.	0.9	8
18	Tree 3-spanners in 2-sep chordal graphs: Characterization and algorithms. Discrete Applied Mathematics, 2010, 158, 1913-1935.	0.9	7

#	ARTICLE	IF	CITATIONS
19	Hardness results, approximation and exact algorithms for liar's domination problem in graphs. Theoretical Computer Science, 2015, 573, 26-42.	0.9	7
20	Maximum weight induced matching in some subclasses of bipartite graphs. Journal of Combinatorial Optimization, 2020, 40, 713-732.	1.3	7
21	The Separator Theorem for Rooted Directed Vertex Graphs. Journal of Combinatorial Theory Series B, 2001, 81, 156-162.	1.0	6
22	A parallel algorithm for generating bicompatible elimination orderings of proper interval graphs. Information Processing Letters, 2009, 109, 1041-1046.	0.6	6
23	Hardness results and approximation algorithm for total liar's domination in graphs. Journal of Combinatorial Optimization, 2014, 27, 643-662.	1.3	6
24	Injective coloring of some subclasses of bipartite graphs and chordal graphs. Discrete Applied Mathematics, 2021, 291, 68-87.	0.9	6
25	Algorithm and Hardness Results for Outer-connected Dominating Set in Graphs. Lecture Notes in Computer Science, 2014, , 151-162.	1.3	6
26	Complexity of distance paired-domination problem in graphs. Theoretical Computer Science, 2012, 459, 89-99.	0.9	5
27	Strong minimum energy 2-hop rooted topology for hierarchical wireless sensor networks. Journal of Combinatorial Optimization, 2015, 30, 1077-1094.	1.3	5
28	Algorithmic Aspects of Disjunctive Domination in Graphs. Lecture Notes in Computer Science, 2015, , 325-336.	1.3	5
29	On the complexity of minimum maximal uniquely restricted matching. Theoretical Computer Science, 2021, 882, 15-28.	0.9	4
30	Induced Matching in Some Subclasses of Bipartite Graphs. Lecture Notes in Computer Science, 2017, , 308-319.	1.3	4
31	On tree spanners in directed path graphs. Networks, 2007, 50, 203-210.	2.7	3
32	Locally connected spanning trees in cographs, complements of bipartite graphs and doubly chordal graphs. Information Processing Letters, 2010, 110, 1067-1073.	0.6	3
33	Strong minimum energy hierarchical topology in wireless sensor networks. Journal of Combinatorial Optimization, 2016, 32, 174-187.	1.3	3
34	Restrained Domination in Some Subclasses of Chordal Graphs. Electronic Notes in Discrete Mathematics, 2017, 63, 203-210.	0.4	3
35	Tree 3-spanners in 2-sep directed path graphs: Characterization, recognition, and construction. Discrete Applied Mathematics, 2009, 157, 2153-2169.	0.9	2

#	ARTICLE	IF	CITATIONS
37	Complexity of total outer-connected domination problem in graphs. Discrete Applied Mathematics, 2016, 199, 110-122.	0.9	2
38	On the total and AVD-total coloring of graphs. AKCE International Journal of Graphs and Combinatorics, 2020, 17, 820-825.	0.7	2
39	Complexity and algorithms for neighbor-sum-2-distinguishing $\{1,3\}$ -edge-weighting of graphs. Theoretical Computer Science, 2022, 906, 32-32.	0.9	2
40	On partial Grundy coloring of bipartite graphs and chordal graphs. Discrete Applied Mathematics, 2019, 271, 171-183.	0.9	1
41	Grundy coloring in some subclasses of bipartite graphs and their complements. Information Processing Letters, 2020, 163, 105999.	0.6	1
42	Analysis of social network metrics based on the model of random recursive tree. Journal of Interdisciplinary Mathematics, 2020, 23, 237-246.	0.7	1
43	Dominating induced matching in some subclasses of bipartite graphs. Theoretical Computer Science, 2021, 885, 104-115.	0.9	1
44	A linear time algorithm for constructing tree 3-spanner in simple chordal bipartite graphs. , 2006, , .		0
45	Characterization and Recognition of Tree 3-Spanner Admissible Directed Path Graphs of Diameter Three. Lecture Notes in Computer Science, 2018, , 369-381.	1.3	0
46	Hardness results of global total k-domination problem in graphs. Discrete Applied Mathematics, 2021, , .	0.9	0
47	Differentiating-total domination: Approximation and hardness results. Theoretical Computer Science, 2021, 876, 45-58.	0.9	0
48	Identifying Influential Spreaders On a Weighted Network Using HookeRank Method. Lecture Notes in Computer Science, 2020, , 609-622.	1.3	0
49	Adjacent vertex distinguishing total coloring of the corona product of graphs. Discussiones Mathematicae - Graph Theory, 2024, 44, 317.	0.3	0
50	Exact square coloring of graphs resulting from some graph operations and products. AKCE International Journal of Graphs and Combinatorics, 0, , 1-10.	0.7	0