B S Panda

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2740342/publications.pdf

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50	466	840776 11	794594 19
papers	citations	h-index	g-index

52	52	52	161
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Adjacent vertex distinguishing total coloring of the corona product of graphs. Discussiones Mathematicae - Graph Theory, 2024, 44, 317.	0.3	0
2	MDER: modified degree with exclusion ratio algorithm for influence maximisation in social networks. Computing (Vienna/New York), 2022, 104, 359-382.	4.8	14
3	Complexity and algorithms for neighbor-sum-2-distinguishing {1,3}-edge-weighting of graphs. Theoretical Computer Science, 2022, 906, 32-32.	0.9	2
4	Link prediction in complex networks using node centrality and light gradient boosting machine. World Wide Web, 2022, 25, 2487-2513.	4.0	22
5	Community detection in complex networks using network embedding and gravitational search algorithm. Journal of Intelligent Information Systems, 2021, 57, 51-72.	3.9	32
6	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
7	Injective coloring of some subclasses of bipartite graphs and chordal graphs. Discrete Applied Mathematics, 2021, 291, 68-87.	0.9	6
8	Hardness results of global total k-domination problem in graphs. Discrete Applied Mathematics, 2021, , .	0.9	0
9	IM-ELPR: Influence maximization in social networks using label propagation based community structure. Applied Intelligence, 2021, 51, 7647-7665.	5.3	36
10	Differentiating-total domination: Approximation and hardness results. Theoretical Computer Science, 2021, 876, 45-58.	0.9	0
11	On the complexity of minimum maximal uniquely restricted matching. Theoretical Computer Science, 2021, 882, 15-28.	0.9	4
12	Dominating induced matching in some subclasses of bipartite graphs. Theoretical Computer Science, 2021, 885, 104-115.	0.9	1
13	Grundy coloring in some subclasses of bipartite graphs and their complements. Information Processing Letters, 2020, 163, 105999.	0.6	1
14	On the total and AVD-total coloring of graphs. AKCE International Journal of Graphs and Combinatorics, 2020, 17, 820-825.	0.7	2
15	Maximum weight induced matching in some subclasses of bipartite graphs. Journal of Combinatorial Optimization, 2020, 40, 713-732.	1.3	7
16	Identifying influential nodes in Social Networks: Neighborhood Coreness based voting approach. Physica A: Statistical Mechanics and Its Applications, 2020, 553, 124215.	2.6	52
17	Analysis of social network metrics based on the model of random recursive tree. Journal of Interdisciplinary Mathematics, 2020, 23, 237-246.	0.7	1
18	Identifying Influential Spreaders On a Weighted Network Using HookeRank Method. Lecture Notes in Computer Science, 2020, , 609-622.	1.3	0

#	Article	IF	Citations
19	On partial Grundy coloring of bipartite graphs and chordal graphs. Discrete Applied Mathematics, 2019, 271, 171-183.	0.9	1
20	Computing a minimum paired-dominating set in strongly orderable graphs. Discrete Applied Mathematics, 2019, 253, 37-50.	0.9	8
21	Domination in some subclasses of bipartite graphs. Discrete Applied Mathematics, 2019, 252, 51-66.	0.9	16
22	Algorithmic aspects of b-disjunctive domination in graphs. Journal of Combinatorial Optimization, 2018, 36, 572-590.	1.3	12
23	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
24	Restrained Domination in Some Subclasses of Chordal Graphs. Electronic Notes in Discrete Mathematics, 2017, 63, 203-210.	0.4	3
25	Induced Matching in Some Subclasses of Bipartite Graphs. Lecture Notes in Computer Science, 2017, , 308-319.	1.3	4
26	Complexity of total outer-connected domination problem in graphs. Discrete Applied Mathematics, 2016, 199, 110-122.	0.9	2
27	Strong minimum energy hierarchical topology in wireless sensor networks. Journal of Combinatorial Optimization, 2016, 32, 174-187.	1.3	3
28	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
29	Hardness results, approximation and exact algorithms for liar's domination problem in graphs. Theoretical Computer Science, 2015, 573, 26-42.	0.9	7
30	Strong minimum energy $$2$$ 2 -hop rooted topology for hierarchical wireless sensor networks. Journal of Combinatorial Optimization, 2015, 30, 1077-1094.	1.3	5
31	Algorithmic Aspects of Disjunctive Domination in Graphs. Lecture Notes in Computer Science, 2015, , 325-336.	1.3	5
32	Hardness results and approximation algorithm for total liarâ€™s domination in graphs. Journal of Combinatorial Optimization, 2014, 27, 643-662.	1.3	6
33	Algorithm and Hardness Results for Outer-connected Dominating Set in Graphs. Lecture Notes in Computer Science, 2014, , 151-162.	1.3	6
34	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
35	Liarâ€™s domination in graphs: Complexity and algorithm. Discrete Applied Mathematics, 2013, 161, 1085-1092.	0.9	13
36	Minimum paired-dominating set in chordal bipartite graphs and perfect elimination bipartite graphs. Journal of Combinatorial Optimization, 2013, 26, 770-785.	1.3	16

#	Article	IF	Citations
37	ACYCLIC MATCHINGS IN SUBCLASSES OF BIPARTITE GRAPHS. Discrete Mathematics, Algorithms and Applications, 2012, 04, 1250050.	0.6	10
38	Complexity of distance paired-domination problem in graphs. Theoretical Computer Science, 2012, 459, 89-99.	0.9	5
39	-labeling of dually chordal graphs and strongly orderable graphs. Information Processing Letters, 2012, 112, 552-556.	0.6	8
40	<mml:math altimg="si13.gif" display="inline" 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:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x	0.9	7
41	Tree 3-spanners in 2-sep chordal graphs: Characterization and algorithms. Discrete Applied Mathematics, 2010, 158, 1913-1935.	0.9	7
42	Locally connected spanning trees in cographs, complements of bipartite graphs and doubly chordal graphs. Information Processing Letters, 2010, 110, 1067-1073.	0.6	3
43	Tree 3-spanners in 2-sep directed path graphs: Characterization, recognition, and construction. Discrete Applied Mathematics, 2009, 157, 2153-2169.	0.9	2
44	A parallel algorithm for generating bicompatible elimination orderings of proper interval graphs. Information Processing Letters, 2009, 109, 1041-1046.	0.6	6
45	On tree 3â€spanners in directed path graphs. Networks, 2007, 50, 203-210.	2.7	3
46	A linear time algorithm for constructing tree 3-spanner in simple chordal bipartite graphs. , 2006, , .		0
47	A linear time recognition algorithm for proper interval graphs. Information Processing Letters, 2003, 87, 153-161.	0.6	58
48	The Separator Theorem for Rooted Directed Vertex Graphs. Journal of Combinatorial Theory Series B, 2001, 81, 156-162.	1.0	6
49	Intersection graphs of vertex disjoint paths in a tree. Discrete Mathematics, 1995, 146, 179-209.	0.7	15
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