

Erfang Shan

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Anti-Ramsey number of matchings in r-partite r-uniform hypergraphs. Discrete Mathematics, 2022, 345, 112782.	0.7	6
2	Consistency and the graph Banzhaf value for communication graph games. Operations Research Letters, 2022, 50, 190-194.	0.7	0
3	The Turán number of Berge-matching in hypergraphs. Discrete Mathematics, 2022, 345, 112901.	0.7	2
4	The spectral radius and domination number in linear uniform hypergraphs. Journal of Combinatorial Optimization, 2021, 42, 581-592.	1.3	0
5	The second largest spectral radii of uniform hypertrees with given size of matching. Linear and Multilinear Algebra, 2021, 69, 2674-2701.	1.0	3
6	The principal eigenvector to α -spectral radius of hypergraphs. Journal of Combinatorial Optimization, 2021, 42, 258-275.	1.3	0
7	The Banzhaf value for generalized probabilistic communication situations. Annals of Operations Research, 2021, 301, 225-244.	4.1	4
8	Cooperative games with partial information. International Journal of Game Theory, 2021, 50, 297-309.	0.5	1
9	Extremal graphs for blow-ups of stars and paths. Discrete Applied Mathematics, 2021, 290, 79-85.	0.9	1
10	A Decomposability Property to the Weighted Myerson Value and the Weighted Position Value. Mathematical Problems in Engineering, 2021, 2021, 1-5.	1.1	0
11	On a Conjecture for Power Domination. Graphs and Combinatorics, 2021, 37, 1215.	0.4	0
12	The Efficient Proportional Myerson Values for Hypergraph Games. Mathematical Problems in Engineering, 2021, 2021, 1-5.	1.1	1
13	Turán Problems for Berge-(k, p)-Fan Hypergraph. Chinese Annals of Mathematics Series B, 2021, 42, 487-494.	0.4	0
14	Egalitarian allocation and players of certain type. Operations Research Letters, 2021, 49, 492-495.	0.7	1
15	The average tree value for hypergraph games. Mathematical Methods of Operations Research, 2021, 94, 437-460.	1.0	3
16	The largest spectral radius of uniform hypertrees with a given size of matching. Linear and Multilinear Algebra, 2020, 68, 1779-1791.	1.0	7
17	List-coloring clique-hypergraphs of $K_{5,2}$ graphs strongly. Discrete Mathematics, 2020, 343, 111777.	0.7	2
18	Safety of links with respect to the Myerson value for communication situations. Operational Research, 2020, , 1.	2.0	0

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19	Efficient quotient extensions of the Myerson value. <i>Annals of Operations Research</i> , 2020, 292, 171-181.	4.1	3
20	Weighted component-wise solutions for graph games. <i>Economics Letters</i> , 2020, 192, 109233.	1.9	0
21	Extremal problems for the p -spectral radius of Berge hypergraphs. <i>Linear Algebra and Its Applications</i> , 2020, 600, 22-39.	0.9	0
22	Extremal Graphs for Odd-Ballooning of Paths and Cycles. <i>Graphs and Combinatorics</i> , 2020, 36, 755-766.	0.4	4
23	The Turán Number of Berge- K_4 in 3-Uniform Hypergraphs. <i>SIAM Journal on Discrete Mathematics</i> , 2020, 34, 1485-1492.	0.8	4
24	Extremal Graphs for Blow-Ups of Keyrings. <i>Graphs and Combinatorics</i> , 2020, 36, 1827-1853.	0.4	5
25	The Myerson value for directed graph games. <i>Operations Research Letters</i> , 2020, 48, 142-146.	0.7	7
26	Marginal contributions and derivatives for set functions in cooperative games. <i>Journal of Combinatorial Optimization</i> , 2020, 39, 849-858.	1.3	2
27	The α -spectral radius of uniform hypergraphs concerning degrees and domination number. <i>Journal of Combinatorial Optimization</i> , 2019, 38, 1128-1142.	1.3	4
28	The efficient proportional Myerson values. <i>Operations Research Letters</i> , 2019, 47, 574-578.	0.7	7
29	The clique-perfectness and clique-coloring of outer-planar graphs. <i>Journal of Combinatorial Optimization</i> , 2019, 38, 794-807.	1.3	2
30	A linear-time algorithm for clique-coloring planar graphs. <i>Operations Research Letters</i> , 2019, 47, 241-243.	0.7	1
31	The eigenvectors to the p -spectral radius of general hypergraphs. <i>Journal of Combinatorial Optimization</i> , 2019, 38, 556-569.	1.3	3
32	The position value and the structures of graphs. <i>Applied Mathematics and Computation</i> , 2019, 356, 190-197.	2.2	2
33	Maximally connected p -partite uniform hypergraphs. <i>Discrete Applied Mathematics</i> , 2019, 264, 188-195.	0.9	4
34	The extremal \hat{L} -index of outerplanar and planar graphs. <i>Applied Mathematics and Computation</i> , 2019, 343, 90-99.	2.2	11
35	Characterizations of the Position Value for Hypergraph Communication Situations. <i>Communications in Computer and Information Science</i> , 2019, , 27-42.	0.5	4
36	The w -centroids and least w -central subtrees in weighted trees. <i>Journal of Combinatorial Optimization</i> , 2018, 36, 1118-1127.	1.3	0

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37	Algorithms for connected p-centdian problem on block graphs. Journal of Combinatorial Optimization, 2018, 36, 252-263.	1.3	10
38	Extremal hypergraphs for matching number and domination number. Discrete Applied Mathematics, 2018, 236, 415-421.	0.9	6
39	The Ferry Cover Problem on Regular Graphs and Small-Degree Graphs. Chinese Annals of Mathematics Series B, 2018, 39, 933-946.	0.4	1
40	The Position Value and the Myerson Value for Hypergraph Communication Situations. Static and Dynamic Game Theory: Foundations and Applications, 2018, , 237-250.	0.6	2
41	Domination in intersecting hypergraphs. Discrete Applied Mathematics, 2018, 251, 155-159.	0.9	7
42	The Finite Projective Plane and the 5-Uniform Linear Intersecting Hypergraphs with Domination Number Four. Graphs and Combinatorics, 2018, 34, 931-945.	0.4	2
43	The degree value for games with communication structure. International Journal of Game Theory, 2018, 47, 857-871.	0.5	11
44	Sharp Lower Bounds on the Spectral Radius of Uniform Hypergraphs Concerning Degrees. Electronic Journal of Combinatorics, 2018, 25, .	0.4	2
45	The Matching Polynomials and Spectral Radii of Uniform Supertrees. Electronic Journal of Combinatorics, 2018, 25, .	0.4	10
46	A linear-time algorithm for clique-coloring problem in circular-arc graphs. Journal of Combinatorial Optimization, 2017, 33, 147-155.	1.3	6
47	Distance domination of generalized de Bruijn and Kautz digraphs. Frontiers of Mathematics in China, 2017, 12, 339-357.	0.7	0
48	Two efficient values of cooperative games with graph structure based on τ_i -values. Journal of Combinatorial Optimization, 2017, 34, 462-482.	1.3	4
49	Cost sharing on prices for games on graphs. Journal of Combinatorial Optimization, 2017, 34, 676-688.	1.3	0
50	Matching and domination numbers in r-uniform hypergraphs. Journal of Combinatorial Optimization, 2017, 34, 656-659.	1.3	9
51	The clique-transversal set problem in $\{claw, K_4\}$ -free planar graphs. Information Processing Letters, 2017, 118, 64-68.	0.6	0
52	The Spectral Radius and Domination Number of Uniform Hypergraphs. Lecture Notes in Computer Science, 2017, , 306-316.	1.3	1
53	An efficient algorithm for distance total domination in block graphs. Journal of Combinatorial Optimization, 2016, 31, 372-381.	1.3	0
54	Component-wise proportional solutions for communication graph games. Mathematical Social Sciences, 2016, 81, 22-28.	0.5	11

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55	Batching Scheduling in a Two-Level Supply Chain with Earliness and Tardiness Penalties. Journal of Systems Science and Complexity, 2016, 29, 478-498.	2.8	2
56	Clique-Perfectness of Claw-Free Planar Graphs. Graphs and Combinatorics, 2016, 32, 2551-2562.	0.4	5
57	3-Factor-Criticality in Double Domination Edge Critical Graphs. Graphs and Combinatorics, 2016, 32, 1599-1610.	0.4	1
58	Clique-Coloring Claw-Free Graphs. Graphs and Combinatorics, 2016, 32, 1473-1488.	0.4	8
59	Two paths location of a tree with positive or negative weights. Theoretical Computer Science, 2015, 607, 296-305.	0.9	2
60	Signed mixed dominating functions in complete bipartite graphs. International Journal of Computer Mathematics, 2015, 92, 712-721.	1.8	3
61	Coloring clique-hypergraphs of graphs with no subdivision of K_5 . Theoretical Computer Science, 2015, 592, 166-175.	0.9	3
62	Constructing the minimum dominating sets of generalized de Bruijn digraphs. Discrete Mathematics, 2015, 338, 1501-1508.	0.7	6
63	The clique-transversal set problem in claw-free graphs with degree at most 4. Information Processing Letters, 2015, 115, 331-335.	0.6	5
64	CLIQUE-TRANSVERSAL SETS IN LINE GRAPHS OF CUBIC GRAPHS AND TRIANGLE-FREE GRAPHS. Bulletin of the Korean Mathematical Society, 2015, 52, 1423-1431.	0.3	0
65	A FPTAS for a two-stage hybrid flow shop problem and optimal algorithms for identical jobs. Theoretical Computer Science, 2014, 524, 78-89.	0.9	5
66	The 2-maxian problem on cactus graphs. Discrete Optimization, 2014, 13, 16-22.	0.9	7
67	Clique-transversal sets and clique-coloring in planar graphs. European Journal of Combinatorics, 2014, 36, 367-376.	0.8	19
68	Independent sets in $\{claw, K_4\}$ -free 4-regular graphs. Discrete Mathematics, 2014, 332, 40-44.	0.7	4
69	The Alcuin number of graphs with maximum degree five. Scientia Sinica Mathematica, 2014, 44, 719-728.	0.2	1
70	Paired-Domination in Claw-Free Graphs. Graphs and Combinatorics, 2013, 29, 1777-1794.	0.4	5
71	THE INDEPENDENCE NUMBER OF CONNECTED $(claw, K_4)$ -FREE 4-REGULAR GRAPHS. Taiwanese Journal of Mathematics, 2013, 17, .	0.4	2
72	The signed maximum-clique transversal number of regular graphs. International Journal of Computer Mathematics, 2012, 89, 741-751.	1.8	2

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73	Perfect matchings in paired domination vertex critical graphs. Journal of Combinatorial Optimization, 2012, 23, 507-518.	1.3	1
74	The $\gamma_{\text{pr}}(G)$ of a graph G with minimum degree at least two. Networks, 2011, 57, n/a-n/a.	2.7	5
75	A note on the upper bound for the paired-domination number of a graph with minimum degree at least two. Networks, 2011, 57, n/a-n/a.	2.7	1
76	Approximation algorithms for clique-transversal sets and clique-independent sets in cubic graphs. Information Processing Letters, 2011, 111, 1104-1107.	0.6	6
77	Claw-free cubic graphs with clique-transversal number half of their order. Applied Mathematics Letters, 2011, 24, 1080-1083.	2.7	0
78	Some matching properties in 4-regular graphs. Computers and Mathematics With Applications, 2010, 59, 694-699.	2.7	2
79	On the k -tuple domination of generalized de Bruijn and Kautz digraphs. Information Sciences, 2010, 180, 4430-4435.	6.9	10
80	Signed clique-transversal functions in graphs. International Journal of Computer Mathematics, 2010, 87, 2398-2407.	1.8	3
81	Total Restrained Domination in Cubic Graphs. Graphs and Combinatorics, 2009, 25, 341-350.	0.4	18
82	Matching Properties in Total Domination Vertex Critical Graphs. Graphs and Combinatorics, 2009, 25, 851-861.	0.4	20
83	The twin domination number in generalized de Bruijn digraphs. Information Processing Letters, 2009, 109, 856-860.	0.6	9
84	Bounds on the clique-transversal number of regular graphs. Science in China Series A: Mathematics, 2008, 51, 851-863.	0.5	13
85	Proof of a conjecture on $\gamma_{\text{pr}}(G)$ of a graph G with minimum degree at least two. Applied Mathematics Letters, 2008, 21, 1055-1058.	2.7	10
86	On matching and total domination in graphs. Discrete Mathematics, 2008, 308, 2313-2318.	0.7	29
87	Absorbant of generalized de Bruijn digraphs. Information Processing Letters, 2007, 105, 6-11.	0.6	14
88	The algorithmic complexity of the minus clique-transversal problem. Applied Mathematics and Computation, 2007, 189, 1410-1418.	2.2	11
89	Clique-Transversal Sets in Cubic Graphs. Lecture Notes in Computer Science, 2007, , 107-115.	1.3	2
90	Lower bounds on the minus domination and k -subdomination numbers. Theoretical Computer Science, 2003, 296, 89-98.	0.9	13

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91	A value for cooperative games with coalition and probabilistic graph structures. Journal of Combinatorial Optimization, 0, , 1.	1.3	2