Tinaz Ekim

List of Publications by Year
in descending order

49	332	1040056 9	940533 16
papers	citations	h-index	g-index

53	53	53	163
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Generation of random chordal graphs using subtrees of a tree. RAIRO - Operations Research, 2022, 56, 565-582.	1.8	0
2	An exact cutting plane algorithm to solve the selective graph coloring problem in perfect graphs. European Journal of Operational Research, 2021, 291, 67-83.	5.7	4
3	The complexity of subtree intersection representation of chordal graphs and linear time chordal graph generation. Journal of Combinatorial Optimization, 2021, 41, 710-735.	1.3	2
4	On the Maximum Cardinality Cut Problem in Proper Interval Graphs and Related Graph Classes. Theoretical Computer Science, 2021, 898, 20-20.	0.9	1
5	Exact values of defective Ramsey numbers in graph classes. Discrete Optimization, 2021, 42, 100673.	0.9	1
6	The complexity of the defensive domination problem in special graph classes. Discrete Mathematics, 2020, 343, 111665.	0.7	2
7	Mind the independence gap. Discrete Mathematics, 2020, 343, 111943.	0.7	0
8	The Nobel Prize in Economic Sciences 2012 and Matching Theory. , 2020, , .		0
9	Small 1-defective Ramsey numbers in perfect graphs. Discrete Optimization, 2019, 34, 100548.	0.9	3
10	A decomposition approach to solve the selective graph coloring problem in some perfect graph families. Networks, 2019, 73, 145-169.	2.7	4
11	Edge-stable equimatchable graphs. Discrete Applied Mathematics, 2019, 261, 136-147.	0.9	2
12	The Complexity of Subtree Intersection Representation of Chordal Graphs and Linear Time Chordal Graph Generation. Lecture Notes in Computer Science, 2019, , 21-34.	1.3	1
13	The maximum cardinality cut problem in co-bipartite chain graphs. Journal of Combinatorial Optimization, 2018, 35, 250-265.	1.3	5
14	Integer Programming Formulations and Benders Decomposition for the Maximum Induced Matching Problem. INFORMS Journal on Computing, 2018, 30, 43-56.	1.7	5
15	Equimatchable claw-free graphs. Discrete Mathematics, 2018, 341, 2859-2871.	0.7	4
16	A polynomial-time algorithm for the maximum cardinality cut problem in proper interval graphs. Information Processing Letters, 2017, 121, 29-33.	0.6	4
17	Maximum number of edges in claw-free graphs whose maximum degree and matching number are bounded. Discrete Mathematics, 2017, 340, 927-934.	0.7	5
18	On two extensions of equimatchable graphs. Discrete Optimization, 2017, 26, 112-130.	0.9	1

#	Article	IF	Citations
19	Complexity of the Improper Twin Edge Coloring of Graphs. Graphs and Combinatorics, 2017, 33, 595-615.	0.4	0
20	On matching extendability of lexicographic products. RAIRO - Operations Research, 2017, 51, 857-873.	1.8	1
21	Linear-Time Generation of Random Chordal Graphs. Lecture Notes in Computer Science, 2017, , 442-453.	1.3	4
22	Equimatchable graphs are <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si5.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>C</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn><mml:mi>k</mml for <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si6.gif" display="inline" overflow="scroll"><mml:mi>k</mml:mi><mml:mo>â‰¥</mml:mo><mml:mn>4</mml:mn></mml:math>. Discrete Mathematics, 2016, 339, 2964-2969.	0.7	4
23	On Three Extensions of Equimatchable Graphs. Electronic Notes in Discrete Mathematics, 2016, 55, 177-180.	0.4	1
24	On the minimum and maximum selective graph coloring problems in some graph classes. Discrete Applied Mathematics, 2016, 204, 77-89.	0.9	6
25	Graphs of edge-intersecting and non-splitting paths. Theoretical Computer Science, 2016, 629, 40-50.	0.9	0
26	Graphs of edge-intersecting non-splitting paths in a tree: Representations of holesâ€”Part I. Discrete Applied Mathematics, 2016, 215, 47-60.	0.9	1
27	Advances on defective parameters in graphs. Discrete Optimization, 2015, 16, 62-69.	0.9	4
28	On some applications of the selective graph coloring problem. European Journal of Operational Research, 2015, 240, 307-314.	5.7	38
29	Hardness and approximation of minimum maximal matchings. International Journal of Computer Mathematics, 2014, 91, 1635-1654.	1.8	4
30	Block decomposition approach to compute a minimum geodetic set. RAIRO - Operations Research, 2014, 48, 497-507.	1.8	12
31	Efficient recognition of equimatchable graphs. Information Processing Letters, 2014, 114, 66-71.	0.6	8
32	Some Defective Parameters in Graphs. Graphs and Combinatorics, 2013, 29, 213-224.	0.4	6
33	Decomposition algorithms for solving the minimum weight maximal matching problem. Networks, 2013, 62, 273-287.	2.7	7
34	Perfectness of clustered graphs. Discrete Optimization, 2013, 10, 296-303.	0.9	6
35	Polar permutation graphs are polynomial-time recognisable. European Journal of Combinatorics, 2013, 34, 576-592.	0.8	3
36	Integer programming formulations for the minimum weighted maximal matching problem. Optimization Letters, 2012, 6, 1161-1171.	1.6	10

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37	Recognizing line-polar bipartite graphs in time <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"><mml:mi>O</mml:mi><mml:mrow><mml:mo>(</mml:mo><mml:mi>n</mml:mi><mml:mo>)</mml:mo></mml:mrow> Discrete Applied Mathematics, 2010, 158, 1593-1598.	0.9	10
38	A tutorial on the use of graph coloring for some problems in robotics. European Journal of Operational Research, 2009, 192, 41-55.	5.7	24
39	Partitioning graphs into complete and empty graphs. Discrete Mathematics, 2009, 309, 5849-5856.	0.7	5
40	Polar Permutation Graphs. Lecture Notes in Computer Science, 2009, , 218-229.	1.3	7
41	Polar cographs. Discrete Applied Mathematics, 2008, 156, 1652-1660.	0.9	18
42	Construction of balanced sports schedules using partitions into subleagues. Operations Research Letters, 2008, 36, 279-282.	0.7	5
43	Polarity of chordal graphs. Discrete Applied Mathematics, 2008, 156, 2469-2479.	0.9	23
44	Polar cographs. Electronic Notes in Discrete Mathematics, 2007, 28, 317-323.	0.4	1
45	Construction of sports schedules with multiple venues. Discrete Applied Mathematics, 2006, 154, 47-58.	0.9	24
46	On the approximation of Min Split-coloring and Min Cocoloring. Journal of Graph Algorithms and Applications, 2006, 10, 297-315.	0.4	4
47	Partitioning cographs into cliques and stable sets. Discrete Optimization, 2005, 2, 145-153.	0.9	24
48	On Split-Coloring Problems. Journal of Combinatorial Optimization, 2005, 10, 211-225.	1.3	15
49	Approximation preserving reductions for set covering, vertex covering and independent set hierarchies under differential approximationa. International Journal of Computer Mathematics, 2004, 81, 569-582.	1.8	0