

# Tinaz Ekim

## List of Publications by Year in descending order

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49  
papers

332  
citations

1040056

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h-index

940533

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g-index

53  
all docs

53  
docs citations

53  
times ranked

163  
citing authors

#	ARTICLE	IF	CITATIONS
1	On some applications of the selective graph coloring problem. European Journal of Operational Research, 2015, 240, 307-314.	5.7	38
2	Partitioning cographs into cliques and stable sets. Discrete Optimization, 2005, 2, 145-153.	0.9	24
3	Construction of sports schedules with multiple venues. Discrete Applied Mathematics, 2006, 154, 47-58.	0.9	24
4	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
5	Polarity of chordal graphs. Discrete Applied Mathematics, 2008, 156, 2469-2479.	0.9	23
6	Polar cographs. Discrete Applied Mathematics, 2008, 156, 1652-1660.	0.9	18
7	On Split-Coloring Problems. Journal of Combinatorial Optimization, 2005, 10, 211-225.	1.3	15
8	Block decomposition approach to compute a minimum geodetic set. RAIRO - Operations Research, 2014, 48, 497-507.	1.8	12
9	Recognizing line-polar bipartite graphs in time $O(n)$ . Discrete Applied Mathematics, 2010, 158, 1593-1598.	0.9	10
10	Integer programming formulations for the minimum weighted maximal matching problem. Optimization Letters, 2012, 6, 1161-1171.	1.6	10
11	Efficient recognition of equimatchable graphs. Information Processing Letters, 2014, 114, 66-71.	0.6	8
12	Decomposition algorithms for solving the minimum weight maximal matching problem. Networks, 2013, 62, 273-287.	2.7	7
13	Polar Permutation Graphs. Lecture Notes in Computer Science, 2009, , 218-229.	1.3	7
14	Some Defective Parameters in Graphs. Graphs and Combinatorics, 2013, 29, 213-224.	0.4	6
15	Perfectness of clustered graphs. Discrete Optimization, 2013, 10, 296-303.	0.9	6
16	On the minimum and maximum selective graph coloring problems in some graph classes. Discrete Applied Mathematics, 2016, 204, 77-89.	0.9	6
17	Construction of balanced sports schedules using partitions into subleagues. Operations Research Letters, 2008, 36, 279-282.	0.7	5
18	Partitioning graphs into complete and empty graphs. Discrete Mathematics, 2009, 309, 5849-5856.	0.7	5

#	ARTICLE	IF	CITATIONS
19	Maximum number of edges in claw-free graphs whose maximum degree and matching number are bounded. <i>Discrete Mathematics</i> , 2017, 340, 927-934.	0.7	5
20	The maximum cardinality cut problem in co-bipartite chain graphs. <i>Journal of Combinatorial Optimization</i> , 2018, 35, 250-265.	1.3	5
21	Integer Programming Formulations and Benders Decomposition for the Maximum Induced Matching Problem. <i>INFORMS Journal on Computing</i> , 2018, 30, 43-56.	1.7	5
22	Hardness and approximation of minimum maximal matchings. <i>International Journal of Computer Mathematics</i> , 2014, 91, 1635-1654.	1.8	4
23	Advances on defective parameters in graphs. <i>Discrete Optimization</i> , 2015, 16, 62-69.	0.9	4
24	Equipmatchable graphs are $C$ for $k > 2$ and $k < 4$ . <i>Discrete Mathematics</i> , 2016, 339, 2964-2969.	0.7	4
25	A polynomial-time algorithm for the maximum cardinality cut problem in proper interval graphs. <i>Information Processing Letters</i> , 2017, 121, 29-33.	0.6	4
26	Equipmatchable claw-free graphs. <i>Discrete Mathematics</i> , 2018, 341, 2859-2871.	0.7	4
27	A decomposition approach to solve the selective graph coloring problem in some perfect graph families. <i>Networks</i> , 2019, 73, 145-169.	2.7	4
28	An exact cutting plane algorithm to solve the selective graph coloring problem in perfect graphs. <i>European Journal of Operational Research</i> , 2021, 291, 67-83.	5.7	4
29	Linear-Time Generation of Random Chordal Graphs. <i>Lecture Notes in Computer Science</i> , 2017, , 442-453.	1.3	4
30	On the approximation of Min Split-coloring and Min Cocoloring. <i>Journal of Graph Algorithms and Applications</i> , 2006, 10, 297-315.	0.4	4
31	Polar permutation graphs are polynomial-time recognisable. <i>European Journal of Combinatorics</i> , 2013, 34, 576-592.	0.8	3
32	Small 1-defective Ramsey numbers in perfect graphs. <i>Discrete Optimization</i> , 2019, 34, 100548.	0.9	3
33	Edge-stable equipmatchable graphs. <i>Discrete Applied Mathematics</i> , 2019, 261, 136-147.	0.9	2
34	The complexity of the defensive domination problem in special graph classes. <i>Discrete Mathematics</i> , 2020, 343, 111665.	0.7	2
35	The complexity of subtree intersection representation of chordal graphs and linear time chordal graph generation. <i>Journal of Combinatorial Optimization</i> , 2021, 41, 710-735.	1.3	2
36	Polar cographs. <i>Electronic Notes in Discrete Mathematics</i> , 2007, 28, 317-323.	0.4	1

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37	On Three Extensions of Equimatchable Graphs. <i>Electronic Notes in Discrete Mathematics</i> , 2016, 55, 177-180.	0.4	1
38	Graphs of edge-intersecting non-splitting paths in a tree: Representations of holesâ€”Part I. <i>Discrete Applied Mathematics</i> , 2016, 215, 47-60.	0.9	1
39	On two extensions of equimatchable graphs. <i>Discrete Optimization</i> , 2017, 26, 112-130.	0.9	1
40	On matching extendability of lexicographic products. <i>RAIRO - Operations Research</i> , 2017, 51, 857-873.	1.8	1
41	The Complexity of Subtree Intersection Representation of Chordal Graphs and Linear Time Chordal Graph Generation. <i>Lecture Notes in Computer Science</i> , 2019, , 21-34.	1.3	1
42	On the Maximum Cardinality Cut Problem in Proper Interval Graphs and Related Graph Classes. <i>Theoretical Computer Science</i> , 2021, 898, 20-20.	0.9	1
43	Exact values of defective Ramsey numbers in graph classes. <i>Discrete Optimization</i> , 2021, 42, 100673.	0.9	1
44	Approximation preserving reductions for set covering, vertex covering and independent set hierarchies under differential approximationa. <i>International Journal of Computer Mathematics</i> , 2004, 81, 569-582.	1.8	0
45	Graphs of edge-intersecting and non-splitting paths. <i>Theoretical Computer Science</i> , 2016, 629, 40-50.	0.9	0
46	Complexity of the Improper Twin Edge Coloring of Graphs. <i>Graphs and Combinatorics</i> , 2017, 33, 595-615.	0.4	0
47	Mind the independence gap. <i>Discrete Mathematics</i> , 2020, 343, 111943.	0.7	0
48	The Nobel Prize in Economic Sciences 2012 and Matching Theory. , 2020, , .		0
49	Generation of random chordal graphs using subtrees of a tree. <i>RAIRO - Operations Research</i> , 2022, 56, 565-582.	1.8	0