Rana Khoeilar

List of Publications by Year
in descending order

44 papers	**98** citations	1937685 **4** h-index	1720034 **7** g-index
44 all docs	**44** docs citations	**44** times ranked	**38** citing authors

#	Article	IF	Citations
1	New Bounds on the Triple Roman Domination Number of Graphs. Journal of Mathematics, 2022, 2022, 1-5.	1.0	3
2	Double Roman Domination in Graphs with Minimum Degree at Least Two and No C_{5}-cycle. Graphs and Combinatorics, 2022, 38, 1.	0.4	6
3	A proof of a conjecture on the paired-domination subdivision number. Graphs and Combinatorics, 2022, 38, 1.	0.4	1
4	On the Temperature Indices of Molecular Structures of Some Networks. Journal of Mathematics, 2022, 2022, 1-7.	1.0	3
5	General reduced second Zagreb index of graph operations. Asian-European Journal of Mathematics, 2021, 14, 2150082.	0.5	2
6	Two-tree graphs with maximum general sum-connectivity index. Discrete Mathematics, Algorithms and Applications, 2021, 13, 2150025.	0.6	2
7	Classification of rings with toroidal co-annihilating-ideal graphs. Discrete Mathematics, Algorithms and Applications, 2021, 13, 2150006.	0.6	0
8	Total k-rainbow reinforcement number in graphs. Discrete Mathematics, Algorithms and Applications, 2021, 13, 2050101.	0.6	4
9	On the RandiÄ‡ matrix and RandiÄ‡ energy. Asian-European Journal of Mathematics, 2021, 14, 2150155.	0.5	0
10	Upper bounds for the forgotten topological index of graphs with given domination number. Asian-European Journal of Mathematics, 2021, 14, 2150148.	0.5	1
11	Nordhausâ€"Gaddum type results for connected and total domination. RAIRO - Operations Research, 2021, 55, S853-S862.	1.8	0
12	On the Paired-Domination Subdivision Number of a Graph. Mathematics, 2021, 9, 439.	2.2	4
13	Sharp upper bounds of the F-index of unicyclic graphs. Asian-European Journal of Mathematics, 2021, 14, 2150166.	0.5	0
14	Total Roman 2 -Reinforcement of Graphs. Journal of Mathematics, 2021, 2021, 1-7.	1.0	2
15	On Ve-Degree-Based Irregularity Properties of the Crystallographic Structure of Molecules. Journal of Chemistry, 2021, 2021, 1-22.	1.9	0
16	On the Paired-Domination Subdivision Number of Trees. Mathematics, 2021, 9, 1135.	2.2	1
17	New Results on Zagreb Energy of Graphs. Mathematical Problems in Engineering, 2021, 2021, 1-6.	1.1	0
18	On the Spectrum of Laplacian Matrix. Mathematical Problems in Engineering, 2021, 2021, 1-4.	1.1	2

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19	New Bounds for the RandiÄ‡ Index of Graphs. Journal of Mathematics, 2021, 2021, 1-8.	1.0	2
20	New Results on the Forgotten Topological Index and Coindex. Journal of Mathematics, 2021, 2021, 1-11.	1.0	1
21	A proof of a conjecture on the differential of a subcubic graph. Discrete Applied Mathematics, 2020, 287, 27-39.	0.9	0
22	Bounds on the signed total Roman 2-domination in graphs. Discrete Mathematics, Algorithms and Applications, 2020, 12, 2050013.	0.6	3
23	On the Roman domination subdivision number of a graph. Journal of Combinatorial Optimization, 2020, 40, 501-511.	1.3	4
24	Signed total double Roman k-domination in graphs. Discrete Mathematics, Algorithms and Applications, 2020, 12, 2050009.	0.6	4
25	Some topological indices of dendrimers. International Journal of Computational Materials Science and Engineering, 2020, 09, 2050018.	0.7	0
26	An improved upper bound on the double Roman domination number of graphs with minimum degree at least two. Discrete Applied Mathematics, 2019, 270, 159-167.	0.9	18
27	On two conjectures concerning total domination subdivision number in graphs. Journal of Combinatorial Optimization, 2019, 38, 333-340.	1.3	2
28	k-Rainbow Domination Number of P3â—¡Pn. Mathematics, 2019, 7, 203.	2.2	4
29	On Two Open Problems on Double Vertex-Edge Domination in Graphs. Mathematics, 2019, 7, 1010.	2.2	0
30	A correction on the signed bad number. Discrete Mathematics, Algorithms and Applications, 2018, 10, 1850009.	0.6	0
31	Rainbow reinforcement numbers in digraphs. Asian-European Journal of Mathematics, 2017, 10, 1750004.	0.5	1
32	The total domination subdivision number in graphs with no induced 3-cycle and 5-cycle. Journal of Combinatorial Optimization, 2013, 25, 91-98.	1.3	0
33	TOTAL OUTER-CONNECTED DOMINATION SUBDIVISION NUMBERS IN GRAPHS. Discrete Mathematics, Algorithms and Applications, 2013, 05, 1350009.	0.6	1
34	Proof of a conjecture on game domination. Journal of Graph Theory, 2010, 64, 323-329.	0.9	0
35	On the total domination subdivision number in some classes of graphs. Journal of Combinatorial Optimization, 2010, 20, 76-84.	1.3	8
36	Matchings and total domination subdivision number in graphs with few induced 4-cycles. Discussiones Mathematicae - Graph Theory, 2010, 30, 611.	0.3	4

#	Article	IF	Citations
37	A New Bound on the Total Domination Subdivision Number. Graphs and Combinatorics, 2009, 25, 41-47.	0.4	7
38	An Upper Bound for the Total Domination Subdivision Number of a Graph. Graphs and Combinatorics, 2009, 25, 727-733.	0.4	4
39	On the Zagreb matrix and Zagreb energy. Asian-European Journal of Mathematics, 0, , 2250019.	0.5	2
40	Sharp upper bounds of F-index among bicyclic graphs. Asian-European Journal of Mathematics, 0, , 2250055.	0.5	0
41	On the Energy of Benzenoid Hydrocarbons. Polycyclic Aromatic Compounds, 0, , 1-13.	2.6	1
42	Sharp lower bounds on the sum-connectivity index of trees. Discrete Mathematics, Algorithms and Applications, 0, , .	0.6	0
43	On a conjecture concerning total domination subdivision number in graphs. AKCE International Journal of Graphs and Combinatorics, 0, , 1-4.	0.7	1
44	On the inverse sum indeg energy of trees. Asian-European Journal of Mathematics, 0, , .	0.5	0