

Saeid Alikhani

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	On some parameters related to matching of graph powers. Journal of Discrete Mathematical Sciences and Cryptography, 2022, 25, 543-557.	0.8	0
2	More on the unimodality of domination polynomial of a graph. Discrete Mathematics, Algorithms and Applications, 2022, 14, .	0.6	2
3	Signed Domination Number of Some Graphs. Iranian Journal of Science and Technology, Transaction A: Science, 2022, 46, 291.	1.5	1
4	Exploring Water Governing System Fit Through a Statistical Mechanics Approach. Water Research, 2022, 215, 118272.	11.3	1
5	The distinguishing number of groups based on the distinguishing number of subgroups. Journal of Information and Optimization Sciences, 2022, 43, 311-321.	0.3	0
6	Distinguishing critical graphs. Journal of Information and Optimization Sciences, 2021, 42, 655-668.	0.3	0
7	On the independent domination polynomial of a graph. Discrete Applied Mathematics, 2021, 289, 416-426.	0.9	3
8	Introduction to dominated edge chromatic number of a graph. Opuscula Mathematica, 2021, 41, 245-257.	0.8	0
9	The Distinguishing Numbers and the Distinguishing Indexes of Cayley Graphs. Journal of Applied and Industrial Mathematics, 2021, 15, 1-6.	0.4	3
10	The Number of 2-dominating Sets, and 2-domination Polynomial of a Graph. Lobachevskii Journal of Mathematics, 2021, 42, 751-759.	0.9	0
11	Mostar index and edge Mostar index of polymers. Computational and Applied Mathematics, 2021, 40, 1.	2.2	3
12	On the spectral determinations of the connected multicone graphs. AKCE International Journal of Graphs and Combinatorics, 2020, 17, 149-158.	0.7	3
13	The distinguishing number and the distinguishing index of line and graphoidal graph(s). AKCE International Journal of Graphs and Combinatorics, 2020, 17, 1-6.	0.7	5
14	The chromatic distinguishing index of certain graphs. AKCE International Journal of Graphs and Combinatorics, 2020, 17, 131-138.	0.7	1
15	On the roots of total domination polynomial of graphs. Journal of Discrete Mathematical Sciences and Cryptography, 2020, 23, 795-807.	0.8	0
16	On the signed domination number of some Cayley graphs. Communications in Algebra, 2020, 48, 2825-2832.	0.6	0
17	Trees with distinguishing index equal distinguishing number plus one. Discussiones Mathematicae - Graph Theory, 2020, 40, 875.	0.3	3
18	Trees with distinguishing number two. AKCE International Journal of Graphs and Combinatorics, 2019, 16, 280-283.	0.7	0

#	ARTICLE	IF	CITATIONS
19	Symmetry breaking in planar and maximal outerplanar graphs. <i>Discrete Mathematics, Algorithms and Applications</i> , 2019, 11, 1950008.	0.6	1
20	On the k -neighborhood coloring of the corona and join products of graphs. <i>Journal of Information and Optimization Sciences</i> , 2019, 40, 805-811.	0.3	0
21	More on the total dominator chromatic number of a graph. <i>Journal of Information and Optimization Sciences</i> , 2019, 40, 157-169.	0.3	12
22	Domination polynomial of lexicographic product of specific graphs. <i>Journal of Information and Optimization Sciences</i> , 2018, 39, 1019-1028.	0.3	5
23	Stabilizing the distinguishing number of a graph. <i>Communications in Algebra</i> , 2018, 46, 5460-5468.	0.6	2
24	Distinguishing number and distinguishing index of some operations on graphs. <i>Journal of Information and Optimization Sciences</i> , 2018, 39, 1047-1059.	0.3	2
25	Some families of graphs with no nonzero real domination roots. <i>Electronic Journal of Graph Theory and Applications</i> , 2018, 6, 17.	0.2	1
26	The distinguishing number and distinguishing index of the lexicographic product of two graphs. <i>Discussiones Mathematicae - Graph Theory</i> , 2018, 38, 853.	0.3	6
27	Computation of Gutman index of some cactus chains. <i>Electronic Journal of Graph Theory and Applications</i> , 2018, 6, 138.	0.2	6
28	On the Structure of Dominating Graphs. <i>Graphs and Combinatorics</i> , 2017, 33, 665-672.	0.4	8
29	The Distinguishing Number of Kronecker Product of Two Graphs. <i>Lecture Notes in Computer Science</i> , 2017, , 341-346.	1.3	2
30	Hosoya polynomial of some cactus chains. <i>Cogent Mathematics</i> , 2017, 4, 1305638.	0.4	6
31	THE k -INDEPENDENT GRAPH OF A GRAPH. <i>Advances and Applications in Discrete Mathematics</i> , 2017, 18, 45-56.	0.1	1
32	Distinguishing number and distinguishing index of certain graphs. <i>Filomat</i> , 2017, 31, 4393-4404.	0.5	8
33	On the domination polynomials of friendship graphs. <i>Filomat</i> , 2016, 30, 169-178.	0.5	10
34	DISTINGUISHING NUMBER AND DISTINGUISHING INDEX OF JOIN OF TWO SPECIFIC GRAPHS. <i>Advances and Applications in Discrete Mathematics</i> , 2016, 17, 467-485.	0.1	0
35	On k -edge-magic labelings of maximal outerplanar graphs. <i>AKCE International Journal of Graphs and Combinatorics</i> , 2015, 12, 40-46.	0.7	0
36	RandiÄž energy of specific graphs. <i>Applied Mathematics and Computation</i> , 2015, 269, 722-730.	2.2	7

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37	A hybrid imaging method based on diffuse optical tomography and optomechanical method to detect a tumor in the biological phantom. Optics Communications, 2015, 342, 12-19.	2.1	6
38	On the Barycentric Labeling of Certain Graphs. Journal of Discrete Mathematics, 2014, 2014, 1-4.	0.4	0
39	Domination Polynomials of k-Tree Related Graphs. International Journal of Combinatorics, 2014, 2014, 1-5.	0.2	0
40	On the k-edge magic graphs. Electronic Notes in Discrete Mathematics, 2014, 45, 35-41.	0.4	1
41	On the Atom-Bond Connectivity Index of Some Families of Dendrimers. Journal of Computational and Theoretical Nanoscience, 2014, 11, 1802-1805.	0.4	16
42	Eccentric Connectivity Polynomials of Some Families of Dendrimers. Journal of Computational and Theoretical Nanoscience, 2014, 11, 450-453.	0.4	5
43	The Domination Polynomial of a Graph at $\hat{\alpha} \sim 1$. Graphs and Combinatorics, 2013, 29, 1175-1181.	0.4	9
44	Some new results on domination roots of a graph. Electronic Notes in Discrete Mathematics, 2013, 43, 425-430.	0.4	0
45	An admissible estimator for the rth power of a bounded scale parameter in a subclass of the exponential family under entropy loss function. Ukrainian Mathematical Journal, 2013, 64, 1297-1307.	0.5	0
46	Study of the effect of mechanical pressure on determination of position and size of tumor in biological phantoms. Applied Optics, 2013, 52, 2739.	1.8	14
47	Graphs Whose Certain Polynomials Have Few Distinct Roots. , 2013, 2013, 1-8.		0
48	On the Domination Polynomial of Some Graph Operations. ISRN Combinatorics, 2013, 2013, 1-3.	0.2	2
49	Construction of Dominating Sets of Certain Graphs. Journal of Discrete Mathematics, 2013, 2013, 1-7.	0.4	0
50	Algebraic Integers as Chromatic and Domination Roots. International Journal of Combinatorics, 2012, 2012, 1-8.	0.2	2
51	Chromatic Polynomials of Certain Polyphenylene Dendrimers. Journal of Computational and Theoretical Nanoscience, 2012, 9, 560-563.	0.4	1
52	Bounds for Energy of Certain Polyphenylene Dendrimers. Journal of Computational and Theoretical Nanoscience, 2012, 9, 1055-1058.	0.4	0
53	The numerical and experimental study of photon diffusion inside biological tissue using boundary integral method. Optics Communications, 2012, 285, 851-855.	2.1	8
54	Fourth Order and Fourth Sum Connectivity Indices of Polyphenylene Dendrimers. Journal of Applied Sciences, 2012, 12, 2279-2282.	0.3	2

#	ARTICLE	IF	CITATIONS
55	Construction of High Girth and Two Column Weight LDPC Code Based on Graph. Journal of Applied Sciences, 2012, 12, 798-801.	0.3	1
56	On the graphs with four distinct domination roots. International Journal of Computer Mathematics, 2011, 88, 2717-2720.	1.8	6
57	Independence roots and independence fractals of certain graphs. Journal of Applied Mathematics and Computing, 2011, 36, 89-100.	2.5	7
58	Chromatic Polynomials of Some Dendrimers. Journal of Computational and Theoretical Nanoscience, 2010, 7, 2314-2316.	0.4	11
59	Characterization of graphs using domination polynomials. European Journal of Combinatorics, 2010, 31, 1714-1724.	0.8	52
60	Dominating sets and domination polynomials of certain graphs. II. Opuscula Mathematica, 2010, 30, 37.	0.8	23
61	Chromatic zeros and generalized Fibonacci numbers. Applicable Analysis and Discrete Mathematics, 2009, 3, 330-335.	0.7	1
62	Chromatic zeros and the golden ratio. Applicable Analysis and Discrete Mathematics, 2009, 3, 120-122.	0.7	2
63	Dominating Sets and Domination Polynomials of Paths. International Journal of Mathematics and Mathematical Sciences, 2009, 2009, 1-10.	0.7	25
64	Dominating sets of centipedes. Journal of Discrete Mathematical Sciences and Cryptography, 2009, 12, 411-428.	0.8	1
65	ON THE ROOTS OF TOTAL DOMINATION POLYNOMIAL OF GRAPHS, II. Facta Universitatis Series Mathematics and Informatics, 0, , 659.	0.1	0