

Mehdi Alaeiyan

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Perfect 2-colorings of the Johnson graph $J(9, \hat{A}4)$. <i>Mathematical Sciences</i> , 2022, 16, 133-136.	1.7	1
2	Enumeration of spanning trees in a chain of diphenylene graphs. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2022, 25, 241-251.	0.8	17
3	On Sombor indices of line graph of silicate carbide $C_{2C_3-I} [p, q]$. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2022, 25, 301-310.	0.8	18
4	Construction of Petersen graph via graph product and correlation of topological descriptors of Petersen graph in terms of cyclic graph C_5 . <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2022, 25, 1525-1534.	0.8	0
5	The study of the b-chromatic number of some classes of fractal graphs. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2022, 25, 1509-1524.	0.8	0
6	Cyclic codes of length p^n over $(\mathbb{Z}_p)^m$. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2021, 24, 579-588.	0.8	1
7	On some degree-based irregularity indices of certain networks. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2021, 24, 617-628.	0.8	1
8	Computing the Narumi-Katayama Index and Modified Narumi-Katayama Index of Some Families of Dendrimers and Tetrathiafulvalene. <i>Journal of Mathematics</i> , 2021, 2021, 1-3.	1.0	2
9	Perfect 2-colorings of the cubic graphs of order less than or equal to 10. <i>AKCE International Journal of Graphs and Combinatorics</i> , 2020, 17, 380-386.	0.7	0
10	On some degree based topological indices of mk -graph. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2020, 23, 1183-1194.	0.8	18
11	On Ve-degree molecular properties of copper oxide. <i>Journal of Information and Optimization Sciences</i> , 2020, 41, 949-957.	0.3	24
12	Comparison of DNA strands by molecular topological and ALE indices. <i>Journal of Information and Optimization Sciences</i> , 2020, 41, 1077-1091.	0.3	0
13	The neighbourhood polynomial of certain networks. <i>Journal of Information and Optimization Sciences</i> , 2020, 41, 941-948.	0.3	17
14	Some points regarding the edge-distance-balanced property of the generalized Petersen graphs $GP(n, T)$. <i>Journal of Information and Optimization Sciences</i> , 2020, 41, 933-939.	0.3	17
15	Harmonic indices of polyhex zigzag $TU_{ZC6}[m; n]$ nanotube and nanotori. <i>Journal of Information and Optimization Sciences</i> , 2020, 41, 1093-1100.	0.3	11
16	A characterization by the product element orders for some groups. <i>Journal of Information and Optimization Sciences</i> , 2020, 41, 1133-1139.	0.3	1
17	An exact formulas for the Wiener polarity index of nanostar dendrimers. <i>Journal of Information and Optimization Sciences</i> , 2020, 41, 933-939.	0.3	26
18	Perfect 3-Colorings of the Johnson Graph $J(6, \hat{A}3)$. <i>Bulletin of the Iranian Mathematical Society</i> , 2020, 46, 1603-1612.	1.0	0

#	ARTICLE	IF	CITATIONS
19	Topological properties of four types of porphyrin dendrimers. <i>Proyecciones</i> , 2020, 39, 979-993.	0.3	4
20	Computing the Narumi-Katayama indices and its modified version of some nanostar dendrimers. <i>Eurasian Chemical Communications</i> , 2020, 2, 771-775.	0.9	4
21	Pentavalent 1-Transitive Digraphs with Non-Solvable Automorphism Groups. <i>Indian Journal of Pure and Applied Mathematics</i> , 2020, 51, 1919-1930.	0.5	0
22	On reformulated Narumi-Katayama index. <i>Proyecciones</i> , 2020, 39, 1333-1346.	0.3	1
23	Perfect 2-coloring of the quartic graphs with order at most 8. <i>Mathematical Sciences</i> , 2019, 13, 249-254.	1.7	0
24	Classification of the pentavalent symmetric graphs of order $18p$. <i>Indian Journal of Pure and Applied Mathematics</i> , 2019, 50, 485-497.	0.5	2
25	A note on edge-distance-balanced property of the generalized Petersen graphs $GP(4t, 2)$. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2019, 22, 1315-1322.	0.8	10
26	A study of novel harmonic indices in nanocones $CNC_{k/n}$ [n]. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2019, 22, 1335-1347.	0.8	12
27	Studying thermodynamic properties of linear acenes molecules $(C_{4n+2}H_{2n+4})$ using hyper-Zagreb index. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2019, 22, 1261-1268.	0.8	16
28	Quasi- $\hat{\delta}$ -distance-balanced graphs. <i>Discrete Applied Mathematics</i> , 2017, 227, 21-28.	0.9	2
29	Perfect 2-colorings of the generalized Petersen graph. <i>Proceedings of the Indian Academy of Sciences: Mathematical Sciences</i> , 2016, 126, 289-294.	0.1	7
30	The Zagreb Indices of Composed Graphs. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016, 13, 3493-3496.	0.4	0
31	The Omega Index of Polyomino Chain, Phenylene Graphs and Carbon Nanocones. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2014, 22, 316-321.	2.1	2
32	Movement of intransitive permutation groups having maximum degree. <i>Chinese Annals of Mathematics Series B</i> , 2012, 33, 143-148.	0.4	0
33	A classification of cubic symmetric graphs of order $16p$. <i>Proceedings of the Indian Academy of Sciences: Mathematical Sciences</i> , 2011, 121, 249-257.	0.1	1
34	Graph Polynomials. <i>ISRN Algebra</i> , 2011, 2011, 1-10.	0.4	0
35	Nonnormal Edge-Transitive Cubic Cayley Graphs of Dihedral Groups. <i>ISRN Algebra</i> , 2011, 2011, 1-6.	0.4	0
36	Semisymmetric cubic graphs of order $16p$. <i>Proceedings of the Indian Academy of Sciences: Mathematical Sciences</i> , 2010, 120, 19-26.	0.1	1

#	ARTICLE	IF	CITATIONS
37	Classifying cubic edge-transitive graphs of order $8p$. Proceedings of the Indian Academy of Sciences: Mathematical Sciences, 2009, 119, 647-653.	0.1	2
38	CUBIC EDGE-TRANSITIVE GRAPHS OF ORDER $8p^2$. Bulletin of the Australian Mathematical Society, 2008, 77, 315-323.	0.5	10
39	Permutation groups of minimal movement. Archiv Der Mathematik, 2005, 85, 211-226.	0.5	3
40	Intransitive Permutation Group with Bounded Movement. Southeast Asian Bulletin of Mathematics, 2003, 26, 181-184.	0.1	0
41	Improvement on the bounds of permutation groups with bounded movement. Bulletin of the Australian Mathematical Society, 2003, 67, 249-256.	0.5	2
42	Subsets with Restricted Movement. Southeast Asian Bulletin of Mathematics, 2001, 25, 117-120.	0.1	0
43	Resistance distance in some classes of rooted product graphs obtained by Laplacian generalized inverse method. Journal of Information and Optimization Sciences, 0, , 1-21.	0.3	2