

Muhammad Javaid

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	RSEMT labeling of union of paths and subdivided star. Journal of Discrete Mathematical Sciences and Cryptography, 2022, 25, 1363-1375.	0.5	0
2	Further results regarding super edge-magic graphs and solution to an open problem. Journal of Discrete Mathematical Sciences and Cryptography, 2022, 25, 1335-1348.	0.5	0
3	Sum divisor cordial labeling of disjoint union of paths and subdivided star. Journal of Discrete Mathematical Sciences and Cryptography, 2022, 25, 2467-2478.	0.5	0
4	Super magic deficiency of graphs. Journal of Discrete Mathematical Sciences and Cryptography, 2022, 25, 1729-1743.	0.5	0
5	Computing Antimagic Labeling of Lattically Designed Symmetric Networks. IEEE Access, 2022, 10, 32394-32405.	2.6	5
6	Comparative Study of Generalized Sum Graphs via Degree-Based Topological Indices. Journal of Mathematics, 2022, 2022, 1-15.	0.5	0
7	On Vertex Degree-Based Topological Indices for Fixed Branching Vertices of Trees. Journal of Chemistry, 2022, 2022, 1-8.	0.9	1
8	Comparative Analysis of Subdivided Hex-Derived Networks Using Structural Descriptors. Journal of Chemistry, 2022, 2022, 1-18.	0.9	2
9	On the Extremal Trees for Some Bond Incident Degree Indices with a Fixed Number of Segments. Journal of Chemistry, 2022, 2022, 1-29.	0.9	2
10	On the Studies of Dendrimers via Connection-Based Molecular Descriptors. Mathematical Problems in Engineering, 2022, 2022, 1-13.	0.6	11
11	Sum-Connectivity Coindex of Graphs under Operations. Journal of Chemistry, 2022, 2022, 1-14.	0.9	1
12	Computing Connection-Based Topological Indices of Dendrimers. Journal of Chemistry, 2022, 2022, 1-15.	0.9	11
13	Exact Formulae for Degree Distance Indices of Sum Graphs. Journal of Mathematics, 2022, 2022, 1-16.	0.5	2
14	Studies of Metal Organic Networks via M-Polynomial-Based Topological Indices. Journal of Mathematics, 2022, 2022, 1-16.	0.5	1
15	First General Zagreb Co-Index of Graphs under Operations. Journal of Mathematics, 2022, 2022, 1-11.	0.5	0
16	Computing Connection-Based Topological Indices of Sudoku Graphs. Journal of Mathematics, 2022, 2022, 1-19.	0.5	3
17	Computing Fault-Tolerant Metric Dimension of Connected Graphs. Journal of Mathematics, 2022, 2022, 1-6.	0.5	0
18	On topological indices of zinc-based metal organic frameworks. Main Group Metal Chemistry, 2022, 45, 74-85.	0.6	5

#	ARTICLE	IF	CITATIONS
19	Studies of Connected Networks via Fractional Metric Dimension. Journal of Mathematics, 2022, 2022, 1-7.	0.5	4
20	Computing Connection Distance Index of Derived Graphs. Mathematical Problems in Engineering, 2022, 2022, 1-15.	0.6	1
21	Minimum algebraic connectivity of graphs whose complements are bicyclic with two cycles. Journal of Discrete Mathematical Sciences and Cryptography, 2021, 24, 879-898.	0.5	0
22	M-polynomial based topological properties of Sudoku graphs. Journal of Discrete Mathematical Sciences and Cryptography, 2021, 24, 155-168.	0.5	2
23	On (a, d) -SEAT labeling of forests of subdivided stars. Journal of Discrete Mathematical Sciences and Cryptography, 2021, 24, 71-80.	0.5	0
24	Extremal unicyclic graphs with respect to the Sanskruti index. Asian-European Journal of Mathematics, 2021, 14, 2050147.	0.2	2
25	Computing Analysis of Zagreb Indices for Generalized Sum Graphs under Strong Product. Journal of Chemistry, 2021, 2021, 1-20.	0.9	7
26	M-polynomial-based topological indices of metal-organic networks. Main Group Metal Chemistry, 2021, 44, 129-140.	0.6	12
27	Fractional metric dimension of metal-organic frameworks. Main Group Metal Chemistry, 2021, 44, 92-102.	0.6	7
28	Comparative Study of Certain Synthetic Polymers via Bond-Additive Invariants. IEEE Access, 2021, 9, 15388-15403.	2.6	2
29	Local Fractional Metric Dimensions of Generalized Petersen Networks. IEEE Access, 2021, 9, 74110-74126.	2.6	1
30	Computing Edge Weights of Symmetric Classes of Networks. Mathematical Problems in Engineering, 2021, 2021, 1-22.	0.6	0
31	Computing Analysis of Degree and Connection Based Irregular Indices of Polycyclic Aromatic Hydrocarbons. Current Organic Synthesis, 2021, 18, 742-749.	0.7	0
32	Computing Bounds of Fractional Metric Dimension of Metal Organic Graphs. Journal of Chemistry, 2021, 2021, 1-12.	0.9	5
33	Computing FGZ Index of Sum Graphs under Strong Product. Journal of Mathematics, 2021, 2021, 1-16.	0.5	4
34	Computing Analysis for First Zagreb Connection Index and Coindex of Resultant Graphs. Mathematical Problems in Engineering, 2021, 2021, 1-19.	0.6	16
35	Bounds of Degree-Based Molecular Descriptors for Generalized F -sum Graphs. Discrete Dynamics in Nature and Society, 2021, 2021, 1-17.	0.5	3
36	Computing Exact Values for Gutman Indices of Sum Graphs under Cartesian Product. Mathematical Problems in Engineering, 2021, 2021, 1-20.	0.6	4

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37	Improved Lower Bound of LFMD with Applications of Prism-Related Networks. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-9.	0.6	15
38	Forgotten Index of Generalized Operations on Graphs. <i>Journal of Chemistry</i> , 2021, 2021, 1-14.	0.9	6
39	On the Upper Bounds of Fractional Metric Dimension of Symmetric Networks. <i>Journal of Mathematics</i> , 2021, 2021, 1-20.	0.5	2
40	Bounds of Fractional Metric Dimension and Applications with Grid-Related Networks. <i>Mathematics</i> , 2021, 9, 1383.	1.1	8
41	Characterization of (Molecular) Graphs with Fractional Metric Dimension as Unity. <i>Journal of Chemistry</i> , 2021, 2021, 1-12.	0.9	4
42	Complexity of Some Generalized Operations on Networks. <i>Complexity</i> , 2021, 2021, 1-29.	0.9	0
43	Computing Bounds for Second Zagreb Coindex of Sum Graphs. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-19.	0.6	5
44	Some Bounds on Bond Incident Degree Indices with Some Parameters. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-10.	0.6	9
45	Exact Values of Zagreb Indices for Generalized T-Sum Networks with Lexicographic Product. <i>Journal of Mathematics</i> , 2021, 2021, 1-17.	0.5	1
46	Molecular Descriptor Analysis of Certain Isomeric Natural Polymers. <i>Journal of Chemistry</i> , 2021, 2021, 1-26.	0.9	4
47	On the Fractional Metric Dimension of Convex Polytopes. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-13.	0.6	3
48	Enumeration of the Edge Weights of Symmetrically Designed Graphs. <i>Journal of Mathematics</i> , 2021, 2021, 1-15.	0.5	0
49	Forgotten Coindex for the Derived Sum Graphs under Cartesian Product. <i>Journal of Chemistry</i> , 2021, 2021, 1-13.	0.9	3
50	Sharp Bounds of First Zagreb Coindex for $\langle M1 \rangle$ -Sum Graphs. <i>Journal of Mathematics</i> , 2021, 2021, 1-19.	0.5	3
51	Comparing Zinc Oxide- and Zinc Silicate-Related Metal-Organic Networks via Connection-Based Zagreb Indices. <i>Journal of Chemistry</i> , 2021, 2021, 1-16.	0.9	3
52	Editorial: Topological investigations of chemical networks. <i>Main Group Metal Chemistry</i> , 2021, 44, 267-269.	0.6	2
53	Computing Gutman Connection Index of Thorn Graphs. <i>Journal of Mathematics</i> , 2021, 2021, 1-13.	0.5	3
54	On the Exact Values of HZ-Index for the Graphs under Operations. <i>Journal of Mathematics</i> , 2021, 2021, 1-17.	0.5	1

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55	Computing LF-Metric Dimension of Generalized Gear Networks. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-8.	0.6	4
56	Topological Indices of Pent-Heptagonal Nanosheets via M-Polynomials. <i>Journal of Mathematics</i> , 2021, 2021, 1-13.	0.5	1
57	Fractional Metric Dimension of Generalized Sunlet Networks. <i>Journal of Mathematics</i> , 2021, 2021, 1-7.	0.5	4
58	Lower and Upper Bounds of Fractional Metric Dimension of Connected Networks. <i>Fractal and Fractional</i> , 2021, 5, 276.	1.6	0
59	Computing Bounds for General Randić Coindex of Sum Graphs. <i>Journal of Mathematics</i> , 2021, 2021, 1-17.	0.5	0
60	Connection-Based Multiplicative Zagreb Indices of Dendrimer Nanostars. <i>Journal of Mathematics</i> , 2021, 2021, 1-14.	0.5	15
61	Extremal Values of Variable Sum Exdeg Index for Conjugated Bicyclic Graphs. <i>Journal of Chemistry</i> , 2021, 2021, 1-11.	0.9	5
62	Boundedness of Convex Polytopes Networks via Local Fractional Metric Dimension. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-14.	0.6	3
63	Computing Correlation among the Graphs under Lexicographic Product via Zagreb Indices. <i>Journal of Chemistry</i> , 2021, 2021, 1-17.	0.9	42
64	M-polynomial method for topological indices of 2D-lattice of three-layered single-walled titania nanotubes. <i>Journal of Information and Optimization Sciences</i> , 2020, 41, 743-753.	0.2	0
65	Parikh word representability of bipartite permutation graphs. <i>Discrete Applied Mathematics</i> , 2020, 282, 208-221.	0.5	4
66	Sharp Bounds of Local Fractional Metric Dimensions of Connected Networks. <i>IEEE Access</i> , 2020, 8, 172329-172342.	2.6	30
67	Bounds on General Randić Index for F-Sum Graphs. <i>Journal of Mathematics</i> , 2020, 2020, 1-17.	0.5	6
68	Local Fractional Metric Dimensions of Rotationally Symmetric and Planar Networks. <i>IEEE Access</i> , 2020, 8, 82404-82420.	2.6	22
69	On cordial related labeling of isomorphic copies of paths and subdivision of star. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2020, 23, 1381-1390.	0.5	5
70	Computing Edge Weights of Magic Labeling on Rooted Products of Graphs. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-16.	0.6	1
71	Zagreb Connection Numbers for Cellular Neural Networks. <i>Discrete Dynamics in Nature and Society</i> , 2020, 2020, 1-8.	0.5	24
72	On bounds for topological descriptors of $\dot{\Gamma}$ -sum graphs. <i>Journal of Taibah University for Science</i> , 2020, 14, 1288-1301.	1.1	14

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73	Computing Analysis of Connection-Based Indices and Coindices for Product of Molecular Networks. <i>Symmetry</i> , 2020, 12, 1320.	1.1	8
74	First General Zagreb Index of Generalized F-sum Graphs. <i>Discrete Dynamics in Nature and Society</i> , 2020, 2020, 1-16.	0.5	11
75	Bounds on F-index of tricyclic graphs with fixed pendant vertices. <i>Open Mathematics</i> , 2020, 18, 150-161.	0.5	4
76	Degree-Based Topological Invariants of Metal-Organic Networks. <i>IEEE Access</i> , 2020, 8, 68288-68300.	2.6	40
77	Zagreb Connection Indices of Molecular Graphs Based on Operations. <i>Complexity</i> , 2020, 2020, 1-15.	0.9	29
78	Modified Zagreb connection indices of the T-sum graphs. <i>Main Group Metal Chemistry</i> , 2020, 43, 43-55.	0.6	29
79	Topological properties of metal-organic frameworks. <i>Main Group Metal Chemistry</i> , 2020, 43, 67-76.	0.6	18
80	Hesitant Fuzzy Graphs and Their Products. <i>Fuzzy Information and Engineering</i> , 2020, 12, 238-252.	1.0	10
81	Computing Edge-Weight Bounds of Antimagic Labeling on a Class of Trees. <i>IEEE Access</i> , 2019, 7, 93375-93386.	2.6	5
82	On the second minimizing graph in the set of complements of trees. <i>AKCE International Journal of Graphs and Combinatorics</i> , 2019, 16, 258-264.	0.4	1
83	Computing Zagreb Indices of the Subdivision-Related Generalized Operations of Graphs. <i>IEEE Access</i> , 2019, 7, 105479-105488.	2.6	33
84	Fractional Metric Dimension of Generalized Jahangir Graph. <i>Mathematics</i> , 2019, 7, 100.	1.1	26
85	Computing First General Zagreb Index of Operations on Graphs. <i>IEEE Access</i> , 2019, 7, 47494-47502.	2.6	48
86	Zagreb Connection Indices of Subdivision and Semi-Total Point Operations on Graphs. <i>Journal of Chemistry</i> , 2019, 2019, 1-14.	0.9	26
87	Valency-based molecular descriptors of Bakelite network $BN_{mn}B_{ext} N_{m}^{n}$. <i>Open Chemistry</i> , 2019, 17, 663-670.	1.0	3
88	Exact Formula and Improved Bounds for General Sum-Connectivity Index of Graph-Operations. <i>IEEE Access</i> , 2019, 7, 167290-167299.	2.6	17
89	Multiplicative Zagreb Indices of Molecular Graphs. <i>Journal of Chemistry</i> , 2019, 2019, 1-19.	0.9	41
90	On minimum algebraic connectivity of graphs whose complements are bicyclic. <i>Open Mathematics</i> , 2019, 17, 1490-1502.	0.5	1

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91	Topological Properties of Four-Layered Neural Networks. Journal of Artificial Intelligence and Soft Computing Research, 2019, 9, 111-122.	3.5	11
92	On Leap Reduced Reciprocal Randic and Leap Reduced Second Zagreb Indices of Some Graphs. Scientific Inquiry and Review, 2019, 3, 27-35.	0.1	0
93	Least eigenvalue of the connected graphs whose complements are cacti. Open Mathematics, 2019, 17, 1319-1331.	0.5	1
94	Computing topological indices of probabilistic neural network. Neural Computing and Applications, 2018, 30, 3869-3876.	3.2	18
95	On the Topological Properties of the Certain Neural Networks. Journal of Artificial Intelligence and Soft Computing Research, 2018, 8, 257-268.	3.5	22
96	On (a, d) -EAT labeling of subdivision of $K_1 \times K_n$. Journal of Information and Optimization Sciences, 2018, 39, 643-650.	0.2	5
97	On Leap Gourava Indices of Some Wheel Related Graphs. Scientific Inquiry and Review, 2018, 02, 14-24.	0.1	1
98	Super (a, d) -edge antimagic total labeling of a subclass of trees. AKCE International Journal of Graphs and Combinatorics, 2017, 14, 158-164.	0.4	7
99	On the second minimum algebraic connectivity of the graphs whose complements are trees. AKCE International Journal of Graphs and Combinatorics, 2017, 14, 233-241.	0.4	3
100	On the Certain Topological Indices of Titania Nanotube TiO_2 [m, n]. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2017, 72, 647-654.	0.7	17
101	Topological indices of rhombus type silicate and oxide networks. Canadian Journal of Chemistry, 2017, 95, 134-143.	0.6	38
102	Minimizing graph of the connected graphs whose complements are bicyclic with two cycles. Turkish Journal of Mathematics, 2017, 41, 1433-1445.	0.3	7
103	Characterization of the Minimizing Graph of the Connected Graphs Whose Complements Are Bicyclic. Mathematics, 2017, 5, 18.	1.1	5
104	S -POLYNOMIALS AND TOPOLOGICAL INDICES OF SILICATE AND OXIDE NETWORKS. International Journal of Pure and Applied Mathematics, 2017, 115, .	0.2	13
105	Graphs with two main and two plain eigenvalues. Applicable Analysis and Discrete Mathematics, 2017, 11, 244-257.	0.3	4
106	Super (a, d) -EAT labeling of subdivided stars. AKCE International Journal of Graphs and Combinatorics, 2015, 12, 14-18.	0.4	2
107	On super edge-antimagicness of subdivided stars. Discussiones Mathematicae - Graph Theory, 2015, 35, 663.	0.2	2
108	On super edge-antimagic total labeling of subdivided stars. Discussiones Mathematicae - Graph Theory, 2014, 34, 691.	0.2	9

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109	On Super Edge-Antimagic Total Labeling of Generalized Extended W-Trees. International Journal of Mathematics and Soft Computing, 2014, 4, 17.	0.1	3