

Mohammad Reza Farahani

List of Publications by Year in descending order

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149
papers

1,955
citations

304368

22
h-index

377514

34
g-index

161
all docs

161
docs citations

161
times ranked

773
citing authors

#	ARTICLE	IF	CITATIONS
1	Forgotten topological index of chemical structure in drugs. Saudi Pharmaceutical Journal, 2016, 24, 258-264.	1.2	127
2	Topological Indices Study of Molecular Structure in Anticancer Drugs. Journal of Chemistry, 2016, 2016, 1-8.	0.9	89
3	Edge-Version Atom-Bond Connectivity and Geometric Arithmetic Indices of Generalized Bridge Molecular Graphs. Symmetry, 2018, 10, 751.	1.1	77
4	Distance learning techniques for ontology similarity measuring and ontology mapping. Cluster Computing, 2017, 20, 959-968.	3.5	69
5	Margin based ontology sparse vector learning algorithm and applied in biology science. Saudi Journal of Biological Sciences, 2017, 24, 132-138.	1.8	58
6	The Zagreb topological indices for a type of Benzenoid systems jagged-rectangle. Journal of Interdisciplinary Mathematics, 2017, 20, 1341-1348.	0.4	54
7	Degree-based indices computation for special chemical molecular structures using edge dividing method. Applied Mathematics and Nonlinear Sciences, 2016, 1, 99-122.	0.9	48
8	The hyper-zagreb index for an infinite family of nanostar dendrimer. Journal of Discrete Mathematical Sciences and Cryptography, 2017, 20, 515-523.	0.5	44
9	An Independent Component Analysis Classification for Complex Power Quality Disturbances With Sparse Auto Encoder Features. IEEE Access, 2019, 7, 20961-20966.	2.6	43
10	Electron Energy Studying of Molecular Structures via Forgotten Topological Index Computation. Journal of Chemistry, 2016, 2016, 1-7.	0.9	42
11	On Wiener index and Wiener polarity index of some polyomino chains. Journal of Discrete Mathematical Sciences and Cryptography, 2019, 22, 1151-1164.	0.5	38
12	Szeged Related Indices of TUAC ₆ [<i>p, q</i>]. Journal of Discrete Mathematical Sciences and Cryptography, 2017, 20, 553-563.	0.5	31
13	https://pisrt.org/psr-press/journals/easl-vol-2-issue-1-2019/degree-based-graph-invariants-for-the-molecular-graph-of-bismuth-tri-iodide/ Engineering and Applied Science Letters, 2019, 2(2019), 1-11.	0.8	31
14	On the edge-version atom-bond connectivity and geometric arithmetic indices of certain graph operations. Applied Mathematics and Computation, 2017, 308, 11-17.	1.4	28
15	On degree based topological indices of bridge graphs. Journal of Discrete Mathematical Sciences and Cryptography, 2020, 23, 1139-1156.	0.5	28
16	Forgotten Polynomial and Forgotten Index of Certain Interconnection Networks. Open Journal of Mathematical Analysis, 2017, 1(2017), 44-59.	0.1	28
17	Topological properties of benzenoid, phenylenes and nanostar dendrimers. Journal of Discrete Mathematical Sciences and Cryptography, 2019, 22, 1229-1248.	0.5	26
18	An exact formulas for the Wiener polarity index of nanostar dendrimers. Journal of Information and Optimization Sciences, 2020, 41, 933-939.	0.2	26

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19	Computing Eccentric Version of Second Zagreb Index of Polycyclic Aromatic Hydrocarbons (PAHk). Applied Mathematics and Nonlinear Sciences, 2016, 1, 247-252.	0.9	26
20	More topological indices of generalized prism network. Journal of Information and Optimization Sciences, 2020, 41, 925-932.	0.2	25
21	The hyper-Zagreb index and some graph operations. Journal of Applied Mathematics and Computing, 2017, 54, 263-275.	1.2	24
22	On topological properties of sierpinski networks. Chaos, Solitons and Fractals, 2017, 98, 199-204.	2.5	24
23	A family of fifth-order convergent methods for solving nonlinear equations using variational iteration technique. Journal of Information and Optimization Sciences, 2018, 39, 673-694.	0.2	24
24	On Ve-degree molecular properties of copper oxide. Journal of Information and Optimization Sciences, 2020, 41, 949-957.	0.2	24
25	Topological Indices of the Pent-Heptagonal Nanosheets VC_{5C_7} and HC_{5C_7} . Advances in Materials Science and Engineering, 2019, 2019, 1-12.	1.0	22
26	On the Edges Version of Atom-Bond Connectivity Index of Nanotubes. Journal of Computational and Theoretical Nanoscience, 2016, 13, 6733-6740.	0.4	22
27	M-polynomials and degree-based topological indices of tadpole graph. Journal of Discrete Mathematical Sciences and Cryptography, 2021, 24, 2059-2072.	0.5	22
28	Eccentricity based topological indices of honeycomb networks. Journal of Discrete Mathematical Sciences and Cryptography, 2019, 22, 1199-1213.	0.5	21
29	On the First and Second Zagreb and First and Second Hyper-Zagreb Indices of Carbon Nanocones $CNC_k[n]$. Journal of Computational and Theoretical Nanoscience, 2016, 13, 7475-7482.	0.4	21
30	The Generalized Zagreb Index of Capra-Designed Planar Benzenoid Series $Ca_k(C_6)$. Open Journal of Mathematical Sciences, 2017, 1, 44-51.	0.7	20
31	On computation of newly defined degree-based topological invariants of Bismuth Tri-iodide via M-polynomial. Journal of Discrete Mathematical Sciences and Cryptography, 2021, 24, 2073-2091.	0.5	20
32	The Eccentricity Version of Atom-Bond Connectivity Index of Linear Polycene Parallelogram Benzenoid $ABC5(P(n,n))$. Acta Chimica Slovenica, 2016, 63, 376-379.	0.2	19
33	Kinetic modeling of pyrolysis of three Iranian waste oils in a micro-fluidized bed. Petroleum Science and Technology, 2017, 35, 183-189.	0.7	18
34	Economic assessment of biomass gasification and pyrolysis: A review. Energy Sources, Part B: Economics, Planning and Policy, 2017, 12, 1030-1035.	1.8	18
35	On some degree based topological indices of mk -graph. Journal of Discrete Mathematical Sciences and Cryptography, 2020, 23, 1183-1194.	0.5	18
36	On Sombor indices of line graph of silicate carbide Si_2C_3I [p,q]. Journal of Discrete Mathematical Sciences and Cryptography, 2022, 25, 301-310.	0.5	18

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37	A new approach to find eccentric indices of some graphs. <i>Journal of Information and Optimization Sciences</i> , 2020, 41, 865-877.	0.2	17
38	The Omega Polynomial and the Cluj-Ilmenau Index of an Infinite Class of the Titania Nanotubes $TiO_2(m, n)$. <i>Journal of Computational and Theoretical Nanoscience</i> , 2017, 14, 3429-3432.	0.4	17
39	Enumeration of spanning trees in a chain of diphenylene graphs. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2022, 25, 241-251.	0.5	17
40	Sharp Bounds of the Hyper-Zagreb Index on Acyclic, Unicyclic, and Bicyclic Graphs. <i>Discrete Dynamics in Nature and Society</i> , 2017, 2017, 1-5.	0.5	16
41	3-total edge product cordial labeling of some new classes of graphs. <i>Journal of Information and Optimization Sciences</i> , 2018, 39, 705-724.	0.2	16
42	On the Edges Version of Atom-Bond Connectivity and Geometric Arithmetic Indices of Nanocones $CNC_k[n]$. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016, 13, 6741-6746.	0.4	16
43	ON THE SCHULTZ POLYNOMIAL AND HOSOYA POLYNOMIAL OF CIRCUMCORONENE SERIES OF BENZENOID. <i>Journal of Applied Mathematics & Informatics</i> , 2013, 31, 595-608.	0.1	16
44	The Redefined First, Second and Third Zagreb Indices of Titania Nanotubes $TiO_2[m, n]$. <i>Open Biotechnology Journal</i> , 2016, 10, 272-277.	0.6	16
45	On v -degree atom-bond connectivity, sum-connectivity, geometric-arithmetic and harmonic indices of copper oxide. <i>Eurasian Chemical Communications</i> , 2020, 2, 641-645.	1.1	16
46	Simulation of biomass gasification in a fluidized bed by artificial neural network (ANN). <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2018, 40, 544-548.	1.2	15
47	An explicit formula for the harmonic indices and harmonic polynomials of carbon nanocones $CNC_k[n]$. <i>Journal of Information and Optimization Sciences</i> , 2020, 41, 879-890.	0.2	15
48	Vertex PI v Topological Index of Titania Carbon Nanotubes $TiO_2(m, n)$. <i>Applied Mathematics and Nonlinear Sciences</i> , 2016, 1, 175-182.	0.9	15
49	Computing fourth atom-bond connectivity index of v -phenylenic nanotubes and nanotori. <i>Acta Chimica Slovenica</i> , 2013, 60, 429-32.	0.2	15
50	M-Polynomial and Topological Indices of Benzene Ring Embedded in P-Type Surface Network. <i>Journal of Chemistry</i> , 2019, 2019, 1-9.	0.9	14
51	Computing Sanskruti Index of Titania Nanotubes. <i>Open Journal of Mathematical Sciences</i> , 2017, 1, 126-131.	0.7	14
52	Computing the Reverse Eccentric Connectivity Index for Certain Family of Nanocone and Fullerene Structures. <i>Journal of Nanotechnology</i> , 2016, 2016, 1-6.	1.5	12
53	Extremal unicyclic and bicyclic graphs with respect to the F-index. <i>AKCE International Journal of Graphs and Combinatorics</i> , 2017, 14, 80-91.	0.4	12
54	Some connectivity indices and zagreb index of polyhex nanotubes. <i>Acta Chimica Slovenica</i> , 2012, 59, 779-83.	0.2	12

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55	Mathematical modeling of unsteady-state gasification of petroleum residue. <i>Petroleum Science and Technology</i> , 2016, 34, 1946-1951.	0.7	11
56	Distance Degree Index of Some Derived Graphs. <i>Mathematics</i> , 2019, 7, 283.	1.1	11
57	M-Polynomials and Degree-Based Topological Indices of the Molecule Copper(I) Oxide. <i>Journal of Chemistry</i> , 2021, 2021, 1-12.	0.9	11
58	Computing Eccentricity Connectivity Polynomial of Circumcoronene Series of Benzenoid Hk by Ring-Cut Method. <i>Annals of the West University of Timisoara: Mathematics and Computer Science</i> , 2013, 51, .	0.1	10
59	Aspen Plus simulation of steam-gasification of different crude oils: A detailed comparison. <i>Petroleum Science and Technology</i> , 2017, 35, 332-337.	0.7	10
60	The eccentric based Zagreb indices of carbon graphite. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2020, 23, 1121-1137.	0.5	10
61	A study of newly defined degree-based topological indices via M-polynomial of Jahangir graph. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2021, 24, 427-438.	0.5	10
62	On topological indices of honeycomb networks and Graphene networks. <i>Hacettepe Journal of Mathematics and Statistics</i> , 2017, 4, .	0.3	10
63	A techno-economic review of biomass gasification for production of chemicals. <i>Energy Sources, Part B: Economics, Planning and Policy</i> , 2018, 13, 351-356.	1.8	9
64	Analyzing the boron triangular nanotube through topological indices via M -polynomial. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2021, 24, 415-426.	0.5	9
65	Certain topological indices and polynomials for the Isaac graphs. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2021, 24, 511-525.	0.5	9
66	Computing SS Index of Certain Dendrimers. <i>Journal of Mathematics</i> , 2021, 2021, 1-14.	0.5	9
67	Computing three topological indices for Titania nanotubes. <i>AKCE International Journal of Graphs and Combinatorics</i> , 2016, 13, 255-260.	0.4	8
68	Generalization Bounds and Uniform Bounds for Multi-Dividing Ontology Algorithms with Convex Ontology Loss Function. <i>Computer Journal</i> , 0, , .	1.5	8
69	Connective Eccentric Index of NAnm Nanotube. <i>Journal of Computational and Theoretical Nanoscience</i> , 2017, 14, 1832-1836.	0.4	8
70	Computation of bond incident degree (BID) indices of complex structures in drugs. <i>Eurasian Chemical Communications</i> , 2020, 2, 672-679.	1.1	8
71	Distance-based topological polynomials and indices of friendship graphs. <i>SpringerPlus</i> , 2016, 5, 1563.	1.2	7
72	Calculating of degree-based topological indices of nanostructures. , 2017, 1, 173-183.		7

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73	Sharp Bounds for the General Sum-Connectivity Indices of Transformation Graphs. <i>Discrete Dynamics in Nature and Society</i> , 2017, 2017, 1-7.	0.5	7
74	Computing Topological Indices for Para-Line Graphs of Anthracene. <i>Open Chemistry</i> , 2019, 17, 955-962.	1.0	7
75	First and Second Zagreb Polynomials of $VC_{5C_7}[p,q]$ and $HC_{5C_7}[p,q]$ Nanotubes. <i>International Letters of Chemistry, Physics and Astronomy</i> , 0, 31, 56-62.	0.0	7
76	Molecular description of copper(II) oxide. <i>Macedonian Journal of Chemistry and Chemical Engineering</i> , 2017, 36, .	0.2	7
77	The Theta polynomial $\hat{\Gamma}(G,x)$ and the Theta index $\hat{\Gamma}(G)$ of molecular graph Polycyclic Aromatic Hydrocarbons PAHk. <i>Journal of Advances in Chemistry</i> , 2016, 12, 3934-3939.	0.1	7
78	On The 1-2-3-Edge Weighting and Vertex Coloring of Complete Graph. <i>International Journal on Computational Science & Applications</i> , 2013, 3, 19-23.	0.4	7
79	Computing $\hat{\Gamma}(G,x)$ and $\hat{\Gamma}(G,x)$ Polynomials of an Infinite Family of Benzenoid. <i>Acta Chimica Slovenica</i> , 2012, 59, 965-8.	0.2	7
80	General Randić, Sum-Connectivity, Hyper-Zagreb and Harmonic Indices, and Harmonic Polynomial of Molecular Graphs. <i>Advances in Physical Chemistry</i> , 2016, 2016, 1-6.	2.0	6
81	Kinetic modeling of biomass gasification in a micro fluidized bed. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2017, 39, 643-648.	1.2	6
82	Closed Formulas for Some New Degree Based Topological Descriptors Using M-polynomial and Boron Triangular Nanotube. <i>Frontiers in Chemistry</i> , 2020, 8, 613873.	1.8	6
83	The Schultz Index and Schultz Polynomial of the Jahangir Graphs $J_{m,n}$ and $J_{m,n}^*$. <i>Applied Mathematics</i> , 2015, 06, 2319-2325.	0.1	6
84	Computing topological indices of Sudoku graphs. <i>Journal of Applied Mathematics and Computing</i> , 2017, 55, 99-117.	1.2	5
85	Computer-based model of crude oil gasification in a fluidized bed. <i>Petroleum Science and Technology</i> , 2017, 35, 169-174.	0.7	5
86	Computing Sanskruti index of the Polycyclic Aromatic Hydrocarbons. , 2017, 1, 37-40.		5
87	Hydrogen and syngas production from biomass gasification for fuel cell application. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2018, 40, 553-557.	1.2	5
88	Sadhana Polynomial and its Index of Hexagonal System Ba,b . <i>International Journal of Computational and Theoretical Chemistry</i> , 2013, 1, 7.	0.5	5
89	On topological properties of hexagonal and silicate networks. <i>Hacettepe Journal of Mathematics and Statistics</i> , 2017, 48, .	0.3	5
90	The eccentric connectivity index of polycyclic aromatic hydrocarbons (PAHs). <i>Eurasian Chemical Communications</i> , 2020, 2, 646-651.	1.1	5

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91	Third-connectivity and third-sum-connectivity indices of circumcoronene series of benzenoid $H(k)$. Acta Chimica Slovenica, 2013, 60, 198-202.	0.2	5
92	Mathematical modeling of crude oil combustion at low Reynolds number. Petroleum Science and Technology, 2017, 35, 327-331.	0.7	4
93	Computer simulation of coal gasification in a full scale plant. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2017, 39, 768-774.	1.2	4
94	Ontology computation for graph spaces focus on partial vertex pairs. Journal of Difference Equations and Applications, 2017, 23, 153-163.	0.7	4
95	Air-steam gasification of municipal solid wastes (MSWs) for hydrogen production. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2018, 40, 538-543.	1.2	4
96	Hosoya and Harary Polynomials of $T \times O \times X$. $T_j ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td (stretchy="false")$	0.5	4
97	On some applications related with algebraic structures through different well known graphs. Journal of Discrete Mathematical Sciences and Cryptography, 2021, 24, 451-471.	0.5	4
98	Economic feasibility of electricity generation from wind farms: A case study. Energy Sources, Part B: Economics, Planning and Policy, 2018, 13, 1-5.	1.8	4
99	On Certain Topological Indices of the Line Graph of $CNC_k [C_n]$ Nanocones. Journal of Computational and Theoretical Nanoscience, 2016, 13, 4318-4322.	0.4	4
100	Zagreb Indices and Zagreb Polynomials of an Infinite Class of Dendrimer Nanostars. Journal of Computational and Theoretical Nanoscience, 2016, 13, 9136-9139.	0.4	4
101	A NEW VERTEX-COLORING EDGE-WEIGHTING OF COMPLETE GRAPHS. Journal of Applied Mathematics & Informatics, 2014, 32, 1-6.	0.1	4
102	About the Randić Connectivity, Modify Randić Connectivity and Sum-connectivity Indices of Titania Nanotubes $TiO_2(m,n)$. Acta Chimica Slovenica, 2017, 64, 256-260.	0.2	4
103	Topological properties of four types of porphyrin dendrimers. Proyecciones, 2020, 39, 979-993.	0.1	4
104	The Multiplicative Zagreb Indices of Nanostructures and Chains. Open Journal of Discrete Mathematics, 2016, 06, 82-88.	0.1	4
105	Magnitude preserving based ontology regularization algorithm. Journal of Intelligent and Fuzzy Systems, 2017, 33, 3113-3122.	0.8	3
106	Eccentric Connectivity Index of t-Polyacenic Nanotubes. Advances in Materials Science and Engineering, 2019, 2019, 1-9.	1.0	3
107	Topological indices of the subdivision graph and the line graph of subdivision graph of the wheel graph. Journal of Discrete Mathematical Sciences and Cryptography, 2021, 24, 589-601.	0.5	3
108	On computation of M-polynomial and topological indices of starphene graph. Journal of Discrete Mathematical Sciences and Cryptography, 2021, 24, 401-414.	0.5	3

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109	On Computation of Recently Defined Degree-Based Topological Indices of Some Families of Convex Polytopes via M-Polynomial. <i>Complexity</i> , 2021, 2021, 1-11.	0.9	3
110	Computing the Szeged, Revised Szeged and Normalized Revised Szeged Indices of the Polycyclic Aromatic Hydrocarbons $\langle i \rangle \text{PAH}_{k/\sub k} \langle /i \rangle$. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016, 13, 8874-8878.	0.4	3
111	On Degree-Based and Frustration Related Topological Indices of Single-Walled Titania Nanotubes. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016, 13, 9027-9032.	0.4	3
112	Four New/Old Vertex-Degree-Based Topological Indices of $\langle i \rangle \text{HAC}_{5/\sub 5} \text{C}_{7/\sub 7} \langle /i \rangle$ [$\langle i \rangle p, q \langle /i \rangle$] and $\langle i \rangle \text{HAC}_{5/\sub 5} \langle /i \rangle \text{C}_{6/\sub 6} \langle /i \rangle \text{C}_{7/\sub 7} \langle /i \rangle$ [$\langle i \rangle p, q \langle /i \rangle$] Nanotubes. <i>Journal of Computational and Theoretical Nanoscience</i> , 2017, 14, 796-799.	0.4	3
113	On topological properties of some convex polytopes by using line operator on their subdivisions. <i>Hacetatepe Journal of Mathematics and Statistics</i> , 2019, 49, .	0.3	3
114	Computing Fifth Geometric-Arithmetic Index for Circumcoronene series of benzenoid Hk. <i>Journal of Advances in Chemistry</i> , 2013, 3, 143-148.	0.1	3
115	Techno-economic analysis of biomass-to-biomethanol (BtS) via low-temperature steam gasification. <i>Energy Sources, Part B: Economics, Planning and Policy</i> , 2018, 13, 91-95.	1.8	2
116	Investigation of dendrimer structures by means of reverse atomic bond connectivity index. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2021, 24, 473-485.	0.5	2
117	On leap indices of $\langle i \rangle \text{CNC}_{k/\sub k} \langle /i \rangle$ [$\langle i \rangle n \langle /i \rangle$] by using line operator on its subdivision. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2021, 24, 343-352.	0.5	2
118	On k-total distance degrees and k-total Wiener polarity index. <i>Journal of Information and Optimization Sciences</i> , 0, , 1-9.	0.2	2
119	Resistance distance in some classes of rooted product graphs obtained by Laplacian generalized inverse method. <i>Journal of Information and Optimization Sciences</i> , 0, , 1-21.	0.2	2
120	Computing the Narumiâ€“Katayama Index and Modified Narumiâ€“Katayama Index of Some Families of Dendrimers and Tetrathiafulvalene. <i>Journal of Mathematics</i> , 2021, 2021, 1-3.	0.5	2
121	Sadhana and PI Polynomials and Their Indices of an Infinite Class of the Titania Nanotubes $\text{TiO}_{2/\sub 2} (\langle i \rangle m \langle /i \rangle, \langle i \rangle n \langle /i \rangle)$. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016, 13, 8772-8775.	0.4	2
122	Zagreb Indices of Semi-Total(Total) Block Graphs of Bridge and Chain Graphs. <i>Journal of Computational and Theoretical Nanoscience</i> , 2017, 14, 2777-2780.	0.4	2
123	GUTMAN INDEX OF SOME DERIVED GRAPHS. <i>Advances and Applications in Discrete Mathematics</i> , 2019, 20, 165-184.	0.0	2
124	On Van, r and s topological properties of the Sierpinski triangle networks. <i>Eurasian Chemical Communications</i> , 2020, 2, 819-826.	1.1	2
125	The Edge Version of Degree Based Topological Indices of $p \text{ NA}_{\sub q} \langle /i \rangle$ Nanotube. <i>Applied Mathematics</i> , 2017, 08, 1445-1453.	0.1	2
126	Omega and Cluj-Illmenau Indices of Hydrocarbon Molecules â€œPolycyclic Aromatic Hydrocarbons PAHkâ€“ Computational Chemistry, 2016, 04, 91-96.	0.2	2

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127	Economic feasibility study of hydrogen production from biomass gasification for PEM fuel cell applications. <i>Energy Sources, Part B: Economics, Planning and Policy</i> , 2017, 12, 659-664.	1.8	1
128	Techno-economic study of coal pyrolysis for production of chemicals using a high-pressure fluidized bed. <i>Energy Sources, Part B: Economics, Planning and Policy</i> , 2017, 12, 654-658.	1.8	1
129	Physical-chemical properties studying of molecular structures via topological index calculating. <i>Open Physics</i> , 2017, 15, 261-269.	0.8	1
130	On the Cluj-Ilmenau index of a family of Benzenoid systems. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2020, 23, 1107-1119.	0.5	1
131	Computing irregularity measures for Sudoku graph. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2021, 24, 487-498.	0.5	1
132	A study of non-commutative Von-Neumann regular rings. <i>Journal of Information and Optimization Sciences</i> , 0, , 1-12.	0.2	1
133	On computation of latest topological descriptors of some cactus chains graphs via M-polynomial. <i>Journal of Information and Optimization Sciences</i> , 0, , 1-10.	0.2	1
134	Computing the Theta Polynomial $\hat{T}(G, x)$ and the Theta Index $\hat{T}(G)$ of Titania Nanotubes TiO_2 (m, n). <i>Journal of Computational and Theoretical Nanoscience</i> , 2017, 14, 715-717.	0.4	1
135	Fourth Atom-Bond Connectivity Index of an Infinite Class of Nanostar Dendrimer $D3[n]$. <i>Journal of Advances in Chemistry</i> , 2013, 4, 301-305.	0.1	1
136	MINIMUM COVERING SEIDEL ENERGY OF A GRAPH. <i>Journal of the Indonesian Mathematical Society</i> , 2016, 22, .	0.1	1
137	FOURTH ATOM-BOND CONNECTIVITY INDEX AND FIFTH ARITHMETIC-GEOMETRIC INDEX OF CONVEX POLYTOPES BY USING LINE OPERATOR. <i>Advances and Applications in Discrete Mathematics</i> , 2018, 19, 491-500.	0.0	1
138	Redefined Zagreb indices of Rhombic, triangular, Hourglass and Jagged-rectangle benzenoid systems. <i>Proyecciones</i> , 2020, 39, 851-867.	0.1	1
139	On reformulated Narumi-Katayama index. <i>Proyecciones</i> , 2020, 39, 1333-1346.	0.1	1
140	Topological Properties of Degree-Based Invariants via M-Polynomial Approach. <i>Journal of Mathematics</i> , 2022, 2022, 1-8.	0.5	1
141	On Multiple Zagreb Indices of Boron and Boron- \hat{I}_\pm Nanotubes. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016, 13, 9014-9017.	0.4	0
142	Computing a Closed Formula of the Wiener Index of the Polycyclic Aromatic Hydrocarbons PAH_k by Using the Cut Method. <i>Journal of Computational and Theoretical Nanoscience</i> , 2017, 14, 3636-3640.	0.4	0
143	The Second ABC Index and Second GA Index of $TUAC_6[p, q]$. <i>Journal of Computational and Theoretical Nanoscience</i> , 2018, 15, 1429-1433.	0.4	0
144	ON TOPOLOGICAL PROPERTIES OF PLANE GRAPHS BY USING LINE OPERATOR ON THEIR SUBDIVISIONS. <i>Advances and Applications in Discrete Mathematics</i> , 2018, 19, 479-490.	0.0	0

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145	VERTEX WEIGHTED WIENER POLYNOMIALS OF THE SUBDIVISION GRAPH AND THE LINE GRAPH OF SUBDIVISION GRAPH OF THE WHEEL GRAPH. <i>Advances and Applications in Discrete Mathematics</i> , 2019, 20, 305-320.	0.0	0
146	Rainbow and strong rainbow connection number for some families of graphs. <i>Proyecciones</i> , 2020, 39, 737-747.	0.1	0
147	Bounds on partition dimension of Peterson graphs. <i>Journal of Information and Optimization Sciences</i> , 2021, 42, 1569-1588.	0.2	0
148	Degree distance based topological indices of some graph transforms. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2022, 25, 283-300.	0.5	0
149	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.	0.5	0