

Design of topological indices. Part 4. Reciprocal distance invariants and topological indices

Journal of Mathematical Chemistry

12, 309-318

DOI: [10.1007/bf01164642](https://doi.org/10.1007/bf01164642)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Molecular cyclicality and centrality of polycyclic graphs. I. Cyclicality based on resistance distances or reciprocal distances. <i>International Journal of Quantum Chemistry</i> , 1994, 50, 1-20.	1.0	141
2	Molecular Topology. 16. Layer Matrixes in Molecular Graphs. <i>Journal of Chemical Information and Computer Sciences</i> , 1994, 34, 1064-1071.	2.8	34
3	Distance/Distance Matrixes. <i>Journal of Chemical Information and Computer Sciences</i> , 1994, 34, 277-286.	2.8	119
4	Molecular topology. <i>Russian Chemical Bulletin</i> , 1995, 44, 1606-1611.	0.4	12
5	Local (Atomic) and Global (Molecular) Graph-Theoretical Descriptors. SAR and QSAR in Environmental Research, 1995, 3, 81-95.	1.0	13
6	Molecular topology. 25. Hyper-Wiener index of dendrimers. <i>Journal of Chemical Information and Computer Sciences</i> , 1995, 35, 1015-1018.	2.8	10
7	Chemical Graphs: Looking Back and Glimpsing Ahead. <i>Journal of Chemical Information and Computer Sciences</i> , 1995, 35, 339-350.	2.8	78
8	Walk NumberseWM:â€‰Wiener-Type Numbers of Higher Rankâ€‰. <i>Journal of Chemical Information and Computer Sciences</i> , 1996, 36, 535-540.	2.8	48
9	Molecular Graph Matrices and Derived Structural Descriptors. SAR and QSAR in Environmental Research, 1997, 7, 63-87.	1.0	29
10	Indices of Reciprocal Properties or Harary Indices. <i>Journal of Chemical Information and Computer Sciences</i> , 1997, 37, 292-299.	2.8	50
11	The Detour Matrix in Chemistryâ€‰. <i>Journal of Chemical Information and Computer Sciences</i> , 1997, 37, 631-638.	2.8	37
12	On Characterization of Chemical Structure. <i>Journal of Chemical Information and Computer Sciences</i> , 1997, 37, 672-687.	2.8	165
13	Topological and Stereochemical Molecular Descriptors for Databases Useful in QSAR, Similarity/Dissimilarity and Drug Design. SAR and QSAR in Environmental Research, 1998, 8, 1-21.	1.0	53
14	Topological Organic Chemistry. 11. Graph Theory and Reciprocal Schultz-Type Molecular Topological Indices of Alkanes and Cycloalkanes. <i>Journal of Chemical Information and Computer Sciences</i> , 1998, 38, 853-857.	2.8	17
15	Design of Topological Indices. Part 10. Parameters Based on Electronegativity and Covalent Radius for the Computation of Molecular Graph Descriptors for Heteroatom-Containing Molecules. <i>Journal of Chemical Information and Computer Sciences</i> , 1998, 38, 395-401.	2.8	69
16	The neural network MolNet prediction of alkane enthalpies. <i>Analytica Chimica Acta</i> , 1999, 384, 271-284.	2.6	17
17	Quantifying the network connectivity of landscape mosaics: a graph-theoretical approach. <i>Community Ecology</i> , 2000, 1, 89-94.	0.5	89
19	Neural Network Based Quantitative Structural Property Relations (QSPRs) for Predicting Boiling Points of Aliphatic Hydrocarbons. <i>Journal of Chemical Information and Computer Sciences</i> , 2000, 40, 859-879.	2.8	47

#	ARTICLE	IF	CITATIONS
21	Topological Organic Chemistry. 12. Whole-Molecule Schultz Topological Indices of Alkanes. Journal of Chemical Information and Computer Sciences, 2000, 40, 107-112.	2.8	12
22	Quasi-orthogonal Basis Sets of Molecular Graph Descriptors as a Chemical Diversity Measure. Journal of Chemical Information and Computer Sciences, 2000, 40, 126-134.	2.8	30
23	Identification of Groupings of Graph Theoretical Molecular Descriptors Using a Hybrid Cluster Analysis Approach. Journal of Chemical Information and Computer Sciences, 2000, 40, 1128-1146.	2.8	23
24	Molecular Electronegative Distance Vector (MEDV) Related to 15 Properties of Alkanes. Journal of Chemical Information and Computer Sciences, 2000, 40, 1337-1348.	2.8	36
25	QSAR Comparative Study of Wiener Descriptors for Weighted Molecular Graphs. Journal of Chemical Information and Computer Sciences, 2000, 40, 1412-1422.	2.8	86
26	Evaluation in Quantitative Structure-Property Relationship Models of Structural Descriptors Derived from Information-Theory Operators. Journal of Chemical Information and Computer Sciences, 2000, 40, 631-643.	2.8	33
27	Comparison of Weighting Schemes for Molecular Graph Descriptors: Application in Quantitative Structure-Retention Relationship Models for Alkylphenols in Gas-Liquid Chromatography. Journal of Chemical Information and Computer Sciences, 2000, 40, 732-743.	2.8	33
28	Topological Indices: Their Nature and Mutual Relatedness. Journal of Chemical Information and Computer Sciences, 2000, 40, 891-898.	2.8	117
29	Wiener Index Extension by Counting Even/Odd Graph Distances. Journal of Chemical Information and Computer Sciences, 2001, 41, 536-549.	2.8	53
30	Quantitative Structure-Retention Relationships for Gas Chromatographic Retention Indices of Alkylbenzenes with Molecular Graph Descriptors. SAR and QSAR in Environmental Research, 2001, 11, 419-452.	1.0	14
31	On Interpretation of Well-Known Topological Indices. Journal of Chemical Information and Computer Sciences, 2001, 41, 550-560.	2.8	103
32	Quantitative Structure-Property Relationships Generated with Optimizable Even/Odd Wiener Polynomial Descriptors. SAR and QSAR in Environmental Research, 2001, 12, 1-16.	1.0	11
33	Distance Indices and Their Hyper-Counterparts: Intercorrelation and Use in the Structure-Property Modeling. SAR and QSAR in Environmental Research, 2001, 12, 31-54.	1.0	31
34	The Variable Molecular Descriptors Based on Distance Related Matrices. Journal of Chemical Information and Computer Sciences, 2001, 41, 575-581.	2.8	52
35	Distance-Related Indexes in the Quantitative Structure-Property Relationship Modeling. Journal of Chemical Information and Computer Sciences, 2001, 41, 527-535.	2.8	43
36	Characterization of DNA Primary Sequences Based on the Average Distances between Bases. Journal of Chemical Information and Computer Sciences, 2001, 41, 561-568.	2.8	40
37	Generalization of topological indices. Chemical Physics Letters, 2001, 336, 248-252.	1.2	97
38	On the Structural Interpretation of Topological Indices. , 2002, , 249-291.		1

#	ARTICLE	IF	CITATIONS
39	Computing Wiener-Type Indices for Virtual Combinatorial Libraries Generated from Heteroatom-Containing Building Blocks. <i>Journal of Chemical Information and Computer Sciences</i> , 2002, 42, 8-22.	2.8	20
40	From Chemical Graphs to 3D Molecular Modeling. , 2002, , 1-24.		2
41	Structure/Response Correlations and Similarity/Diversity Analysis by GETAWAY Descriptors. 1. Theory of the Novel 3D Molecular Descriptors. <i>Journal of Chemical Information and Computer Sciences</i> , 2002, 42, 682-692.	2.8	402
42	QSAR for dihydrofolate reductase inhibitors with molecular graph structural descriptors. <i>Computational and Theoretical Chemistry</i> , 2002, 582, 39-51.	1.5	20
43	Title is missing!. <i>Landscape Ecology</i> , 2003, 18, 83-92.	1.9	128
44	The Signature Molecular Descriptor. 1. Using Extended Valence Sequences in QSAR and QSPR Studies. <i>Journal of Chemical Information and Computer Sciences</i> , 2003, 43, 707-720.	2.8	209
45	Modification of Wiener Index and Its Application. <i>Journal of Chemical Information and Computer Sciences</i> , 2003, 43, 753-756.	2.8	11
46	Generalized Graph Matrix, Graph Geometry, Quantum Chemistry, and Optimal Description of Physicochemical Properties. <i>Journal of Physical Chemistry A</i> , 2003, 107, 7482-7489.	1.1	24
47	Molecular van der Waals Space and Topological Indices from the Distance Matrix. <i>Molecules</i> , 2004, 9, 1053-1078.	1.7	15
48	On reformulated Zagreb indices. <i>Molecular Diversity</i> , 2004, 8, 393-399.	2.1	143
49	Topological descriptors in drug design and modeling studies. <i>Molecular Diversity</i> , 2004, 8, 321-323.	2.1	41
50	Whole Molecule and Atom-Based Topological Descriptors. <i>ChemInform</i> , 2004, 35, no.	0.1	0
51	Network ecology: topological constraints on ecosystem dynamics. <i>Physics of Life Reviews</i> , 2004, 1, 139-172.	1.5	94
52	Three-Dimensional Generalized Graph Matrix, Harray Descriptors, and a Generalized Interatomic Lennard-Jones Potential. <i>Journal of Physical Chemistry A</i> , 2004, 108, 5468-5473.	1.1	15
54	Topological keystone species: measures of positional importance in food webs. <i>Oikos</i> , 2006, 112, 535-546.	1.2	159
55	Complexity of chemical graphs in terms of size, branching, and cyclicity. <i>SAR and QSAR in Environmental Research</i> , 2006, 17, 429-466.	1.0	14
56	Four New Topological Indices Based on the Molecular Path Code. <i>Journal of Chemical Information and Modeling</i> , 2007, 47, 716-731.	2.5	21
57	Generalized Topological Indices. Modeling Gas-Phase Rate Coefficients of Atmospheric Relevance. <i>Journal of Chemical Information and Modeling</i> , 2007, 47, 794-804.	2.5	18

#	ARTICLE	IF	CITATIONS
58	Studies on logP, retention time and QSAR of 2-substituted phenylnitronyl nitroxides as free radical scavengers. <i>European Journal of Medicinal Chemistry</i> , 2007, 42, 955-965.	2.6	26
59	QSTR Study of Small Organic Molecules Against <i>Tetrahymena pyriformis</i> . <i>QSAR and Combinatorial Science</i> , 2007, 26, 69-84.	1.5	24
60	GTI-space: the space of generalized topological indices. <i>Journal of Mathematical Chemistry</i> , 2008, 43, 508-517.	0.7	3
61	On reciprocal molecular topological index. <i>Journal of Mathematical Chemistry</i> , 2008, 44, 235-243.	0.7	10
62	On Harary index. <i>Journal of Mathematical Chemistry</i> , 2008, 44, 611-618.	0.7	47
63	Maximum eigenvalues of the reciprocal distance matrix and the reverse Wiener matrix. <i>International Journal of Quantum Chemistry</i> , 2008, 108, 858-864.	1.0	25
64	Scaffold Topologies. 1. Exhaustive Enumeration up to Eight Rings. <i>Journal of Chemical Information and Modeling</i> , 2008, 48, 1304-1310.	2.5	43
67	Scaffold Topologies. 2. Analysis of Chemical Databases. <i>Journal of Chemical Information and Modeling</i> , 2008, 48, 1311-1324.	2.5	44
68	Applications of 2D Descriptors in Drug Design: A DRAGON Tale. <i>Current Topics in Medicinal Chemistry</i> , 2008, 8, 1628-1655.	1.0	173
69	Bounds on Harary index. <i>Journal of Mathematical Chemistry</i> , 2009, 46, 1377-1393.	0.7	31
70	A review on molecular topology: applying graph theory to drug discovery and design. <i>Die Naturwissenschaften</i> , 2009, 96, 749-761.	0.6	29
71	Comparative QSTR study of saturated alcohols based on topological, constitutional, geometrical, and getaway descriptors. <i>Medicinal Chemistry Research</i> , 2009, 18, 770-781.	1.1	5
72	Comparative QSTR study of a series of alcohol derivatives against <i>Tetrahymena pyriformis</i> . <i>International Journal of Quantum Chemistry</i> , 2009, 109, 185-195.	1.0	7
73	<i>In Silico</i> Quantitative Structure-Toxicity Relationship Study of Aromatic Nitro Compounds. <i>Chemical Biology and Drug Design</i> , 2009, 73, 537-544.	1.5	5
74	Chemometrics in QSAR. , 2009, , 129-172.		38
76	Maximum eigenvalue of the reciprocal distance matrix. <i>Journal of Mathematical Chemistry</i> , 2010, 47, 21-28.	0.7	18
77	Drug Discovery and Design for Complex Diseases through QSAR Computational Methods. <i>Current Pharmaceutical Design</i> , 2010, 16, 2640-2655.	0.9	50
78	THE HARARY INDEX OF A GRAPH UNDER PERTURBATION. <i>Discrete Mathematics, Algorithms and Applications</i> , 2010, 02, 247-255.	0.4	3

#	ARTICLE	IF	CITATIONS
79	Molecular Descriptors. Challenges and Advances in Computational Chemistry and Physics, 2010, , 29-102.	0.6	62
80	A generalized graph-theoretical matrix of heterosystems and its application to the VMV procedure. Computational Biology and Chemistry, 2011, 35, 347-352.	1.1	0
81	Theoretical study on modeling and prediction of optical rotation for biodegradable polymers containing α -amino acids using QSAR approaches. Journal of Molecular Modeling, 2011, 17, 1743-1753.	0.8	5
82	On a class of distance-based molecular structure descriptors. Chemical Physics Letters, 2011, 503, 336-338.	1.2	83
83	On Harary index of graphs. Discrete Applied Mathematics, 2011, 159, 1631-1640.	0.5	50
84	Trees with the seven smallest and eight greatest Harary indices. Discrete Applied Mathematics, 2012, 160, 321-331.	0.5	34
85	On the reciprocal degree distance of graphs. Discrete Applied Mathematics, 2012, 160, 1152-1163.	0.5	38
86	More on the Harary index of cacti. Journal of Applied Mathematics and Computing, 2013, 43, 369-386.	1.2	9
87	On the Harary index of graph operations. Journal of Inequalities and Applications, 2013, 2013, .	0.5	12
88	Chemoinformatics for rational discovery of safe antibacterial drugs: Simultaneous predictions of biological activity against streptococci and toxicological profiles in laboratory animals. Bioorganic and Medicinal Chemistry, 2013, 21, 2727-2732.	1.4	40
89	A survey of Nordhaus's Gaddum type relations. Discrete Applied Mathematics, 2013, 161, 466-546.	0.5	120
90	Additively weighted Harary index of some composite graphs. Discrete Mathematics, 2013, 313, 26-34.	0.4	49
91	Harary index of the k -th power of a graph. Applicable Analysis and Discrete Mathematics, 2013, 7, 94-105.	0.3	6
92	Prediction of Acute Aquatic Toxicity toward <i>Daphnia Magna</i> by using the GA- k -NN Method. ATLA Alternatives To Laboratory Animals, 2014, 42, 31-41.	0.7	59
93	The Harary index of ordinary and generalized quasi-tree graphs. Journal of Applied Mathematics and Computing, 2014, 45, 365-374.	1.2	16
94	Novel method for prediction of normal boiling point and enthalpy of vaporization at normal boiling point of pure refrigerants: A QSPR approach. International Journal of Refrigeration, 2014, 40, 282-293.	1.8	35
95	The Hosoya Polynomial of One-Pentagonal Carbon Nanocone. Fullerenes Nanotubes and Carbon Nanostructures, 2014, 22, 866-873.	1.0	7
96	Reciprocal degree distance of product graphs. Discrete Applied Mathematics, 2014, 179, 201-213.	0.5	11

#	ARTICLE	IF	CITATIONS
97	Critical nodes for distance-based connectivity and related problems in graphs. Networks, 2015, 66, 170-195.	1.6	73
98	Biological network analysis with CentiScaPe: centralities and experimental dataset integration. F1000Research, 2014, 3, 139.	0.8	79
99	On the reformulated reciprocal sum-degree distance of graph transformations. Discrete Applied Mathematics, 2015, 193, 162-173.	0.5	7
100	Weighted Harary indices of apex trees and k -apex trees. Discrete Applied Mathematics, 2015, 189, 30-40.	0.5	21
101	Multitasking models for quantitative structure-biological effect relationships: current status and future perspectives to speed up drug discovery. Expert Opinion on Drug Discovery, 2015, 10, 245-256.	2.5	46
103	Harary index of product graphs. Discussiones Mathematicae - Graph Theory, 2015, 35, 17.	0.2	3
104	Global efficiency of graphs. AKCE International Journal of Graphs and Combinatorics, 2015, 12, 1-13.	0.4	31
105	Terpene ketones as natural insecticides against Sitophilus zeamais. Industrial Crops and Products, 2015, 70, 435-442.	2.5	60
106	Analytical results for the distribution of shortest path lengths in random networks. Europhysics Letters, 2015, 111, 26006.	0.7	32
107	On graphs with maximum Harary spectral radius. Applied Mathematics and Computation, 2015, 266, 937-945.	1.4	8
108	Harary index and some Hamiltonian properties of graphs. AKCE International Journal of Graphs and Combinatorics, 2015, 12, 64-69.	0.4	9
109	The connectivity and the Harary index of a graph. Discrete Applied Mathematics, 2015, 181, 167-173.	0.5	20
110	Four edge-grafting theorems on the reciprocal degree distance of graphs and their applications. Journal of Combinatorial Optimization, 2015, 30, 468-488.	0.8	18
111	Multiplicatively weighted Harary index of graphs. Journal of Combinatorial Optimization, 2015, 30, 1125-1137.	0.8	9
112	Further results on the reciprocal degree distance of graphs. Journal of Combinatorial Optimization, 2016, 31, 648-668.	0.8	2
114	Physico-Chemical and Structural Interpretation of Discrete Derivative Indices on N-Tuples Atoms. International Journal of Molecular Sciences, 2016, 17, 812.	1.8	7
116	Problems related to graph indices in trees. The IMA Volumes in Mathematics and Its Applications, 2016, , 3-30.	0.5	2
118	Amoeba Techniques for Shape and Texture Analysis. Mathematics and Visualization, 2016, , 73-116.	0.4	0

#	ARTICLE	IF	CITATIONS
119	Contribution of Modified Harary Index to Predict Kov \check{A} its Retention Indices for a Set of PAHs. Chromatographia, 2016, 79, 1023-1032.	0.7	2
120	Some extremal properties of the multiplicatively weighted Harary index of a graph. Journal of Combinatorial Optimization, 2016, 31, 961-978.	0.8	7
121	The extremal values of some topological indices in bipartite graphs with a given matching number. Applied Mathematics and Computation, 2016, 280, 103-109.	1.4	10
122	On the graph of nilpotent matrix group of length one. Discrete Mathematics, Algorithms and Applications, 2016, 08, 1650009.	0.4	1
123	On the extremal total reciprocal edge-eccentricity of trees. Journal of Mathematical Analysis and Applications, 2016, 433, 587-602.	0.5	13
124	On the lower and upper bounds for different indices of tricyclic graphs. Journal of Applied Mathematics and Computing, 2016, 51, 1-11.	1.2	6
125	Wiener index, Harary index and graph properties. Discrete Applied Mathematics, 2017, 223, 72-83.	0.5	24
126	On ordinary and weighted Harary indices of Mycielski graphs. Discrete Mathematics, Algorithms and Applications, 2017, 09, 1750022.	0.4	0
127	Biofest: Bioinspired Chemistry, Biomaterials and Bioelectrochemistry. ChemPlusChem, 2017, 82, 511-512.	1.3	0
128	On the maximal connective eccentricity index of bipartite graphs with some given parameters. Journal of Mathematical Analysis and Applications, 2017, 454, 453-467.	0.5	9
129	On the monotonicity of topological indices and the connectivity of a graph. Applied Mathematics and Computation, 2017, 298, 188-200.	1.4	7
130	On min $\hat{=}$ max distance degree index. Discrete Mathematics, Algorithms and Applications, 2017, 09, 1750073.	0.4	0
131	Distance and indices computation in chains and nanotubes model as graph discrete dynamica systems. Journal of Difference Equations and Applications, 2017, 23, 110-134.	0.7	1
132	On the computation of degree and distance mixing indices of Harary graphs and coronene polycyclic aromatic hydrocarbons. Journal of Intelligent and Fuzzy Systems, 2017, 33, 3123-3135.	0.8	0
133	On the Additively Weighted Harary Index of Some Composite Graphs. Mathematics, 2017, 5, 16.	1.1	4
134	On the Resistance-Harary Index of Graphs Given Cut Edges. Journal of Chemistry, 2017, 2017, 1-7.	0.9	11
135	On computation of some distance-based topological indices on circulant networks-II. Journal of Information and Optimization Sciences, 2018, 39, 759-782.	0.2	9
136	Some sufficient conditions on k-connected graphs. Applied Mathematics and Computation, 2018, 325, 332-339.	1.4	4

#	ARTICLE	IF	CITATIONS
137	Wiener index and Harary index on Hamilton-connected graphs with large minimum degree. <i>Discrete Applied Mathematics</i> , 2018, 247, 180-185.	0.5	18
138	Basic Chemical Graph Theory. <i>Carbon Materials</i> , 2018, , 1-21.	0.2	1
139	On the Topological Properties of the Certain Neural Networks. <i>Journal of Artificial Intelligence and Soft Computing Research</i> , 2018, 8, 257-268.	3.5	22
140	Maximum Detourâ€“Harary Index for Some Graph Classes. <i>Symmetry</i> , 2018, 10, 608.	1.1	1
141	The Harary Index of All Unicyclic Graphs with Given Diameter. <i>Discrete Dynamics in Nature and Society</i> , 2018, 2018, 1-6.	0.5	1
143	An Annotated Glossary of Graph Theory Parameters, with Conjectures. <i>Problem Books in Mathematics</i> , 2018, , 177-281.	0.1	5
144	Distance based indices in nanotubical graphs: part 2. <i>Journal of Mathematical Chemistry</i> , 2018, 56, 3076-3088.	0.7	2
145	The Spectral Radius of the Reciprocal Distance Laplacian Matrix of a Graph. <i>Bulletin of the Iranian Mathematical Society</i> , 2018, 44, 1211-1216.	0.4	9
146	Maximum Resistance-Harary index of cacti. <i>Discrete Applied Mathematics</i> , 2018, 251, 160-170.	0.5	5
147	Real-space visualization of quantum phase transitions by network topology. <i>Physical Review E</i> , 2019, 100, 012304.	0.8	3
148	On Distance-Based Topological Descriptors of Subdivision Vertex-Edge Join of Three Graphs. <i>IEEE Access</i> , 2019, 7, 143381-143391.	2.6	39
149	Wiener Index, Hyper-Wiener Index, Harary Index and Hamiltonicity Properties of graphs. <i>Applied Mathematics</i> , 2019, 34, 162-172.	0.6	3
150	On pyrylium cations, molecular graphs, topological indices for QSAR, and various other structural problems. <i>Structural Chemistry</i> , 2019, 30, 1129-1139.	1.0	2
151	Extremal Bipartite Graphs with Given Parameters on the Resistanceâ€“Harary Index. <i>Symmetry</i> , 2019, 11, 615.	1.1	0
152	Further Results on the Resistance-Harary Index of Unicyclic Graphs. <i>Mathematics</i> , 2019, 7, 201.	1.1	1
153	Sufficient Conditions for Hamiltonicity of Graphs with Respect to Wiener Index, Hyper-Wiener Index, and Harary Index. <i>Journal of Chemistry</i> , 2019, 2019, 1-9.	0.9	0
154	Reciprocal degree distance of different classes of cactus. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	0
155	Degree heterogeneity of graphs and networks. II. Comparison with other indices. <i>Journal of Interdisciplinary Mathematics</i> , 2019, 22, 711-735.	0.4	3

#	ARTICLE	IF	CITATIONS
156	A note on extremal trees with degree conditions. Applied Mathematics and Computation, 2019, 341, 70-79.	1.4	0
157	Polynomial and pseudo-polynomial time algorithms for different classes of the Distance Critical Node Problem. Discrete Applied Mathematics, 2019, 253, 103-121.	0.5	14
158	Chemometrics for QSAR Modeling. , 2020, , 599-634.		6
159	Quality testing of distance-based molecular descriptors for benzenoid hydrocarbons. Journal of Molecular Structure, 2020, 1222, 128927.	1.8	43
160	Maximum Reciprocal Degree Resistance Distance Index of Unicyclic Graphs. Discrete Dynamics in Nature and Society, 2020, 2020, 1-14.	0.5	3
161	Versatile in silico modeling of partition coefficients of organic compounds in polydimethylsiloxane using linear and nonlinear methods. Journal of Hazardous Materials, 2020, 399, 123012.	6.5	13
162	On extremal bipartite graphs with given number of cut edges. Discrete Mathematics, Algorithms and Applications, 2020, 12, 2050015.	0.4	2
163	Distance-based topological descriptors for measuring the χ^i -electronic energy of benzenoid hydrocarbons with applications to carbon nanotubes. Mathematical Methods in the Applied Sciences, 20, , .	1.2	28
164	The connective eccentricity index of graphs and its applications to octane isomers and benzenoid hydrocarbons. International Journal of Quantum Chemistry, 2020, 120, e26334.	1.0	15
165	Minimal Harary index of unicyclic graphs with diameter at most 4. Applied Mathematics and Computation, 2020, 381, 125315.	1.4	4
166	Some Topological Invariants of Graphs Associated with the Group of Symmetries. Journal of Chemistry, 2020, 2020, 1-13.	0.9	7
167	Distance based indices in nanotubical graphs: part 3. Journal of Mathematical Chemistry, 2021, 59, 250-263.	0.7	0
168	Quantifying some distance topological properties of the non-zero component graph. AIMS Mathematics, 2021, 6, 3512-3524.	0.7	0
170	On eigenvalues of the reciprocal distance signless Laplacian matrix of graphs. Asian-European Journal of Mathematics, 2021, 14, 2150176.	0.2	1
171	WIENER INDEX OF INTERVAL WEIGHTED GRAPHS. Journal of Science and Arts, 2021, 21, 21-28.	0.1	0
172	Harary index of Eulerian graphs. Journal of Mathematical Chemistry, 2021, 59, 1378-1394.	0.7	3
173	On the Second-Largest Reciprocal Distance Signless Laplacian Eigenvalue. Mathematics, 2021, 9, 512.	1.1	5
174	Computing Exact Values for Gutman Indices of Sum Graphs under Cartesian Product. Mathematical Problems in Engineering, 2021, 2021, 1-20.	0.6	4

#	ARTICLE	IF	CITATIONS
175	Certain Distance-Based Topological Indices of Parikh Word Representable Graphs. Journal of Mathematics, 2021, 2021, 1-7.	0.5	2
176	Entire Harary index of graphs. Journal of Discrete Mathematical Sciences and Cryptography, 2022, 25, 2629-2643.	0.5	1
177	Ynlendirilmemi Power Graflarda Hyper- Wiener, Harary, SK, SK1 ve SK2 ndeksleri. Recep Tayyip Erdoğan Universitesi Fen Ve Muihendislik Bilimleri Dergisi, 2021, 2, 43-52.	0.2	0
178	Bounds and extremal graphs for Harary energy. Discrete Mathematics, Algorithms and Applications, 2022, 14, .	0.4	1
179	The Matrix Expression, Topological Index and Atomic Attribute of Molecular Topological Structure. Journal of Data Science, 2003, 1, 361-389.	0.5	19
180	Maximum \$ H \$-index of bipartite network with some given parameters. AIMS Mathematics, 2021, 6, 5165-5175.	0.7	19
182	Drug Design, Molecular Descriptors in. , 2009, , 2196-2215.		3
183	Polymers, Non-linearity in. , 2009, , 6833-6855.		6
184	Comparative study of distance-based graph invariants. Journal of Applied Mathematics and Computing, 2020, 64, 457-469.	1.2	3
185	Molecular topology of dendrimers. Advances in Dendritic Macromolecules, 1999, , 135-201.	0.6	26
186	Whole Molecule and Atom-Based Topological Descriptors. , 2004, , .		2
187	Metric-Extremal Graphs. Discrete Mathematics and Its Applications, 2014, , 111-139.	0.1	1
189	Hyperglycemia Reduces Efficiency of Brain Networks in Subjects with Type 2 Diabetes. PLoS ONE, 2016, 11, e0157268.	1.1	44
190	Some spectral bounds for the harmonic matrix. Analele Stiintifice Ale Universitatii Ovidius Constanta, Seria Matematica, 2017, 25, 73-81.	0.1	1
191	Extremal unicyclic graphs with respect to additively weighted Harary index. Miskolc Mathematical Notes, 2015, 16, 1163-1180.	0.3	4
192	Cut Method: Update on Recent Developments and Equivalence of Independent Approaches. Current Organic Chemistry, 2015, 19, 348-358.	0.9	48
193	Evolution of Graph Theory-Based QSAR Methods and their Applications to the Search for New Antibacterial Agents. Current Topics in Medicinal Chemistry, 2013, 13, 3101-3117.	1.0	4
194	A Multi-layered Variable Selection Strategy for QSAR Modeling of Butyrylcholinesterase Inhibitors. Current Topics in Medicinal Chemistry, 2020, 20, 1601-1627.	1.0	20

#	ARTICLE	IF	CITATIONS
195	Use of PI Index in Computer-Aided Designing of Bioactive Compounds. <i>Current Bioactive Compounds</i> , 2006, 2, 19-56.	0.2	12
196	The Hosoya Polynomial of One-Heptagonal Nanocone. <i>Current Nanoscience</i> , 2013, 9, 411-414.	0.7	3
197	Distance-based graph invariants of trees and the Harary index. <i>Filomat</i> , 2013, 27, 41-50.	0.2	19
198	On the Harary index of cacti. <i>Filomat</i> , 2014, 28, 493-507.	0.2	2
199	Multiplicatively weighted Harary index of some composite graphs. <i>Filomat</i> , 2015, 29, 795-805.	0.2	4
200	Wiener Index and some Hamiltonian Properties of Graphs. <i>International Journal of Mathematics and Soft Computing</i> , 2015, 5, 11.	0.1	10
201	On Extended Topochemical Atom (ETA) Indices for QSPR Studies. , 0, , 380-411.		7
202	Structure-activity relations for antiepileptic drugs through omega polynomials and topological indices. <i>Molecular Physics</i> , 2022, 120, .	0.8	15
203	The many facets of the Estrada indices of graphs and networks. <i>SeMA Journal</i> , 2022, 79, 57-125.	1.0	12
204	Say it With Numbers. , 2002, , 344-360.		0
205	On the Structural Interpretation of Topological Indices. , 2002, , 249-291.		0
206	Say it With Numbers. , 2002, , 344-360.		0
207	The Wiener Number in the Context of Generalized Topological Indices. , 2002, , 185-207.		1
208	The Wiener Number in the Context of Generalized Topological Indices. , 2002, , 185-207.		0
210	Drug Design, Molecular Descriptors in. , 2014, , 1-31.		1
211	Polymers, Nonlinearity in. , 2015, , 1-30.		0
214	MULTIPLICATIVELY WEIGHTED HARARY INDICES OF GRAPH OPERATIONS. <i>Journal of Applied Mathematics & Informatics</i> , 2015, 33, 89-100.	0.1	0
215	Harmonic Status Index of Graphs. <i>Bulletin of Mathematical Sciences and Applications</i> , 0, 17, 24-32.	0.0	6

#	ARTICLE	IF	CITATIONS
216	General Distance Energies and General Distance Estrada Index of Random Graphs. Applied and Computational Mathematics, 2018, 7, 173.	0.2	0
217	On the Maximum Harary Spectral Radius of Graphs with Given Matching Number. , 2018, , .		0
218	Minimum covering reciprocal distance signless Laplacian energy of graphs. Acta Universitatis Sapientiae: Informatica, 2018, 10, 218-240.	0.3	2
219	Harary energy of complement of line graphs of regular graphs. Communications Faculty of Science University of Ankara Series A1 Mathematics and Statistics, 0, , 221-226.	0.2	0
220	V L Reciprocal Status Index and Co-Index of Graphs. Journal of Mathematics, 2021, 2021, 1-10.	0.5	6
221	On Extended Topochemical Atom (ETA) Indices for QSPR Studies. , 0, , 841-873.		1
222	Computation of some distance-based topological indices for multiplicative circulant networks of order 3h. AIP Conference Proceedings, 2021, , .	0.3	0
224	Exact Formulae for Degree Distance Indices of Sum Graphs. Journal of Mathematics, 2022, 2022, 1-16.	0.5	2
225	Sufficient Conditions for a Graph to Be $\hat{\alpha}$ -Connected, $\hat{\alpha}$ -Deficient, $\hat{\alpha}$ -Hamiltonian and $\hat{\alpha}$ -Independent in Terms of the Forgotten Topological Index. Mathematics, 2022, 10, 1802.	1.1	5
226	On the Topological Indices of Commuting Graphs for Finite Non-Abelian Groups. Symmetry, 2022, 14, 1266.	1.1	11
227	On the minimum Harary index of graphs with a given diameter or independence number. Discrete Applied Mathematics, 2022, 320, 331-345.	0.5	1
228	Extremal Harary Index of Graphs with Given Number of Vertices of Odd Degree. Mathematical Problems in Engineering, 2022, 2022, 1-4.	0.6	0
229	Certain Types of Minimum Covering Estrada Index of Graphs. Asian-European Journal of Mathematics, 0, , .	0.2	0
230	Wiener-Type Invariants and k-Leaf-Connected Graphs. Bulletin of the Malaysian Mathematical Sciences Society, 2023, 46, .	0.4	0
231	Reciprocal distance energy of complete multipartite graphs. Asian-European Journal of Mathematics, 0, , .	0.2	0
232	Topological characterization of statistically clustered networks for molecular similarity analysis. Journal of Mathematical Chemistry, 2023, 61, 859-876.	0.7	2
233	Mathematical Analysis in Characterization of Carbon Nanotubes (CNTs) as possible Mosquito Repellents. , 2022, 8, 24-39.		0
234	Computational studies of toxicity and properties of \hat{I}^2 -diketones through topological indices and M/NM-polynomials. Computational and Theoretical Chemistry, 2023, 1224, 114108.	1.1	5

#	ARTICLE	IF	CITATIONS
238	Bounds for VL Status Index and Coindex of Graphs and Validate to Few Specific Graphs. Advances in Intelligent Systems and Computing, 2023, , 357-371.	0.5	0
240	On the spectral radius of the reciprocal distance signless laplacian matrix. AIP Conference Proceedings, 2023, , .	0.3	0
241	Bounds on the spectral radius of Harary matrix. AIP Conference Proceedings, 2023, , .	0.3	0