Kinkar C Das

List of Publications by Year
in descending order

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194 papers	2,771 citations	218677 26 h-index	289244 40 g-index
201 all docs	201 docs citations	201 times ranked	759 citing authors

#	Article	IF	Citations
1	Maximizing the sum of the squares of the degrees of a graph. Discrete Mathematics, 2004, 285, 57-66.	0.7	133
2	Atom-bond connectivity index of graphs. Discrete Applied Mathematics, 2010, 158, 1181-1188.	0.9	87
3	On atom-bond connectivity index. Chemical Physics Letters, 2011, 511, 452-454.	2.6	83
4	On conjectures involving second largest signless Laplacian eigenvalue of graphs. Linear Algebra and Its Applications, 2010, 432, 3018-3029.	0.9	82
5	Some new bounds on the spectral radius of graphs. Discrete Mathematics, 2004, 281, 149-161.	0.7	76
6	On Sombor Index. Symmetry, 2021, 13, 140.	2.2	75
7	An improved upper bound for Laplacian graph eigenvalues. Linear Algebra and Its Applications, 2003, 368, 269-278.	0.9	68
8	Comparison between first geometricâ€“arithmetic index and atom-bond connectivity index. Chemical Physics Letters, 2010, 497, 149-151.	2.6	62
9	The multiplicative Zagreb indices of graph operations. Journal of Inequalities and Applications, 2013, 2013, .	1.1	58
10	New upper bounds on Zagreb indices. Journal of Mathematical Chemistry, 2009, 46, 514-521.	1.5	52
11	On Harary index of graphs. Discrete Applied Mathematics, 2011, 159, 1631-1640.	0.9	50
12	Zagreb indices of graphs. Frontiers of Mathematics in China, 2015, 10, 567-582.	0.7	46
13	On <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml12" display="inline" overflow="scroll" altimg="si10.gif"><mml:mi>v</mml:mi><mml:mi>e</mml:mi></mml:math>-degree and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml13" display="inline" overflow="scroll" altimg="si2.gif"><mml:mi>e</mml:mi><mml:mi>v</mml:mi></mml:math>-degree of graphs. Discrete Optimization, 2019, 31, 1-7.	0.9	45
14	Degree-based energies of graphs. Linear Algebra and Its Applications, 2018, 554, 185-204.	0.9	40
15	A Sharp Upper Bound for the Number of Spanning Trees of a Graph. Graphs and Combinatorics, 2007, 23, 625-632.	0.4	36
16	A characterization on graphs which achieve the upper bound for the largest Laplacian eigenvalue of graphs. Linear Algebra and Its Applications, 2004, 376, 173-186.	0.9	35
17	Some extremal results on the connective eccentricity index of graphs. Journal of Mathematical Analysis and Applications, 2016, 433, 803-817.	1.0	35
18	Comparative analysis of symmetric division deg index as potentially useful molecular descriptor. International Journal of Quantum Chemistry, 2018, 118, e25659.	2.0	34

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19	Comparison between Kirchhoff index and the Laplacian-energy-like invariant. Linear Algebra and Its Applications, 2012, 436, 3661-3671.	0.9	33
20	The relationship between the eccentric connectivity index and Zagreb indices. Discrete Applied Mathematics, 2013, 161, 2480-2491.	0.9	33
21	On the Estrada index conjecture. Linear Algebra and Its Applications, 2009, 431, 1351-1359.	0.9	32
22	On Laplacian energy of graphs. Discrete Mathematics, 2014, 325, 52-64.	0.7	32
23	Bounds on Harary index. Journal of Mathematical Chemistry, 2009, 46, 1377-1393.	1.5	31
24	Some properties of the Zagreb eccentricity indices. Ars Mathematica Contemporanea, 2013, 6, 117-125.	0.6	31
25	On the multiplicative Zagreb coindex of graphs. Opuscula Mathematica, 2013, 33, 191.	0.8	31
26	On (distance) Laplacian energy and (distance) signless Laplacian energy of graphs. Discrete Applied Mathematics, 2018, 243, 172-185.	0.9	29
27	A sharp upper bound on the largest Laplacian eigenvalue of weighted graphs. Linear Algebra and Its Applications, 2005, 409, 153-165.	0.9	27
28	Some Extremal Graphs with Respect to Sombor Index. Mathematics, 2021, 9, 1202.	2.2	26
29	A sharp upper bound on the spectral radius of weighted graphs. Discrete Mathematics, 2008, 308, 3180-3186.	0.7	24
30	Proof of conjectures on the distance signless Laplacian eigenvalues of graphs. Linear Algebra and Its Applications, 2015, 467, 100-115.	0.9	23
31	Some extremal graphs with respect to inverse degree. Discrete Applied Mathematics, 2016, 203, 171-183.	0.9	23
32	Relations between distanceâ€“based and degreeâ€“based topological indices. Applied Mathematics and Computation, 2015, 270, 142-147.	2.2	22
33	Relationship between the eccentric connectivity index and Zagreb indices. Computers and Mathematics With Applications, 2011, 62, 1758-1764.	2.7	21
34	Weighted Harary indices of apex trees and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si4.gif" display="inline" overflow="scroll"><mml:mi>k</mml:mi></mml:math>-apex trees. Discrete Applied Mathematics, 2015, 189, 30-40.	0.9	21
35	Comparison between the Szeged index and the eccentric connectivity index. Discrete Applied Mathematics, 2015, 186, 74-86.	0.9	21
36	On Wiener and multiplicative Wiener indices of graphs. Discrete Applied Mathematics, 2016, 206, 9-14.	0.9	21

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37	Complete characterization of graphs for direct comparing Zagreb indices. Discrete Applied Mathematics, 2016, 215, 146-154.	0.9	21
38	On the first Zagreb index and multiplicative Zagreb coindices of graphs. Analele Stiintifice Ale Universitatii Ovidius Constanta, Seria Matematica, 2016, 24, 153-176.	0.3	21
39	On Sombor index of trees. Applied Mathematics and Computation, 2022, 412, 126575.	2.2	21
40	On a novel eccentricity-based invariant of a graph. Acta Mathematica Sinica, English Series, 2016, 32, 1477-1493.	0.6	20
41	On two eccentricity-based topological indices of graphs. Discrete Applied Mathematics, 2017, 233, 240-251.	0.9	20
42	On maximum Wiener index of trees and graphs with given radius. Journal of Combinatorial Optimization, 2017, 34, 574-587.	1.3	20
43	Sharp lower bounds on the Laplacian eigenvalues of trees. Linear Algebra and Its Applications, 2004, 384, 155-169.	0.9	19
44	Proof of conjectures involving the largest and the smallest signless Laplacian eigenvalues of graphs. Discrete Mathematics, 2012, 312, 992-998.	0.7	19
45	On the Wiener polarity index of graphs. Applied Mathematics and Computation, 2016, 280, 162-167.	2.2	19
46	Maximum eigenvalue of the reciprocal distance matrix. Journal of Mathematical Chemistry, 2010, 47, 21-28.	1.5	18
47	Proof of conjectures on adjacency eigenvalues of graphs. Discrete Mathematics, 2013, 313, 19-25.	0.7	18
48	Extremal tâ€apex trees with respect to matching energy. Complexity, 2016, 21, 238-247.	1.6	18
49	On spectral radius and energy of extended adjacency matrix of graphs. Applied Mathematics and Computation, 2017, 296, 116-123.	2.2	18
50	On energy and Laplacian energy of chain graphs. Discrete Applied Mathematics, 2020, 284, 391-400.	0.9	18
51	Proof of conjecture involving the second largest signless Laplacian eigenvalue and the index of graphs. Linear Algebra and Its Applications, 2011, 435, 2420-2424.	0.9	17
52	On Laplacian energy in terms of graph invariants. Applied Mathematics and Computation, 2015, 268, 83-92.	2.2	17
53	A formula with its applications on the difference of Zagreb indices of graphs. Journal of Mathematical Chemistry, 2019, 57, 1618-1626.	1.5	17
54	Estimating the Szeged index. Applied Mathematics Letters, 2009, 22, 1680-1684.	2.7	16

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55	On energy and Laplacian energy of bipartite graphs. Applied Mathematics and Computation, 2016, 273, 759-766.	2.2	16
56	The largest two Laplacian eigenvalues of a graph. Linear and Multilinear Algebra, 2004, 52, 441-460.	1.0	15
57	On the Kirchhoff Index of Graphs. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2013, 68, 531-538.	1.5	15
58	Comparison between the Wiener index and the Zagreb indices and the eccentric connectivity index for trees. Discrete Applied Mathematics, 2014, 171, 35-41.	0.9	15
59	Extended energy and its dependence on molecular structure. Canadian Journal of Chemistry, 2017, 95, 526-529.	1.1	15
60	On incidence energy of graphs. Linear Algebra and Its Applications, 2014, 446, 329-344.	0.9	14
61	The difference between remoteness and radius of a graph. Discrete Applied Mathematics, 2015, 187, 103-110.	0.9	14
62	Graphs with fixed number of pendent vertices and minimal Zeroth-order general RandiÄ‡ index. Applied Mathematics and Computation, 2015, 270, 705-710.	2.2	14
63	Relation between signless Laplacian energy, energy of graph and its line graph. Linear Algebra and Its Applications, 2016, 493, 91-107.	0.9	14
64	On atom-bond connectivity index of graphs. Journal of Mathematical Analysis and Applications, 2019, 479, 1099-1114.	1.0	14
65	Open problems on the exponential vertex-degree-based topological indices of graphs. Discrete Applied Mathematics, 2021, 293, 38-49.	0.9	14
66	Extremal graph characterization from the bounds of the spectral radius of weighted graphs. Applied Mathematics and Computation, 2011, 217, 7420-7426.	2.2	13
67	Proof of conjectures on remoteness and proximity in graphs. Discrete Applied Mathematics, 2014, 171, 72-80.	0.9	13
68	Some results on the Laplacian spread of a graph. Linear Algebra and Its Applications, 2016, 505, 245-260.	0.9	13
69	Remoteness and distance eigenvalues of a graph. Discrete Applied Mathematics, 2016, 215, 218-224.	0.9	13
70	Comparison between the zeroth-order RandiÄ‡ index and the sum-connectivity index. Applied Mathematics and Computation, 2016, 274, 585-589.	2.2	13
71	On the least eigenvalue of A-matrix of graphs. Linear Algebra and Its Applications, 2020, 586, 347-376.	0.9	13
72	Comparison Between Geometric-arithmetic Indices. Croatica Chemica Acta, 2012, 85, 353-357.	0.4	12

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73	On the Harary index of graph operations. Journal of Inequalities and Applications, 2013, 2013, .	1.1	12
74	Some graphs determined by their (signless) Laplacian spectra. Linear Algebra and Its Applications, 2014, 449, 154-165.	0.9	12
75	On the Laplacian-energy-like invariant. Linear Algebra and Its Applications, 2014, 442, 58-68.	0.9	12
76	Characterization of extremal graphs from distance signless Laplacian eigenvalues. Linear Algebra and Its Applications, 2016, 500, 77-87.	0.9	12
77	The spectral characterization of butterfly-like graphs. Linear Algebra and Its Applications, 2017, 513, 55-68.	0.9	12
78	Conjectures on index and algebraic connectivity of graphs. Linear Algebra and Its Applications, 2010, 433, 1666-1673.	0.9	11
79	Maximal and minimal entry in the principal eigenvector for the distance matrix of a graph. Discrete Mathematics, 2011, 311, 2593-2600.	0.7	11
80	On energy of line graphs. Linear Algebra and Its Applications, 2016, 499, 79-89.	0.9	11
81	Complete split graph determined by its (signless) Laplacian spectrum. Discrete Applied Mathematics, 2016, 205, 45-51.	0.9	11
82	Sum-connectivity index of a graph. Frontiers of Mathematics in China, 2016, 11, 47-54.	0.7	11
83	Fault-Tolerant Metric Dimension of Circulant Graphs. Mathematics, 2022, 10, 124.	2.2	11
84	A sharp upper bound on the maximal entry in the principal eigenvector of symmetric nonnegative matrix. Linear Algebra and Its Applications, 2009, 431, 1340-1350.	0.9	10
85	Sharp upper bounds on the spectral radius of the signless Laplacian matrix of a graph. Applied Mathematics and Computation, 2013, 219, 5025-5032.	2.2	10
86	On reduced second Zagreb index. Journal of Combinatorial Optimization, 2020, 39, 776-791.	1.3	10
87	Extremal graph characterization from the upper bound of the Laplacian spectral radius of weighted graphs. Linear Algebra and Its Applications, 2007, 427, 55-69.	0.9	9
88	Sharp lower bounds for the Zagreb indices of unicyclic graphs. Turkish Journal of Mathematics, 2015, 39, 595-603.	0.7	9
89	On the sum of the k largest eigenvalues of graphs and maximal energy of bipartite graphs. Linear Algebra and Its Applications, 2019, 569, 175-194.	0.9	9
90	Spectral results on Hamiltonian problem. Discrete Mathematics, 2019, 342, 1718-1730.	0.7	9

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91	A conjecture on the spectral radius of graphs. Linear Algebra and Its Applications, 2020, 588, 74-80.	0.9	9
92	On the eigenvalues of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e539" altimg="si16.svg"><mml:msub><mml:mrow><mml:mi>A</mml:mi></mml:mrow><mml:mrow><mml:mi>Î±</mml:mi></mml:mrow></mm of graphs. Discrete Mathematics, 2020, 343, 111917.	0.7	9
93	On the relation between Wiener index and eccentricity of a graph. Journal of Combinatorial Optimization, 2021, 41, 817-829.	1.3	9
94	Extremal augmented Zagreb index of trees with given numbers of vertices and leaves. Discrete Mathematics, 2022, 345, 112753.	0.7	9
95	On sum of powers of the Laplacian eigenvalues of graphs. Linear Algebra and Its Applications, 2013, 439, 3561-3575.	0.9	8
96	Proof of conjectures involving algebraic connectivity of graphs. Linear Algebra and Its Applications, 2013, 438, 3291-3302.	0.9	8
97	Normalized Laplacian Eigenvalues and Energy of Trees. Taiwanese Journal of Mathematics, 2016, 20, .	0.4	8
98	On some degree-and-distance-based graph invariants of trees. Applied Mathematics and Computation, 2016, 289, 1-6.	2.2	8
99	Ordering connected graphs by their Kirchhoff indices. International Journal of Computer Mathematics, 2016, 93, 1741-1755.	1.8	8
100	On distance Laplacian and distance signless Laplacian eigenvalues of graphs. Linear and Multilinear Algebra, 2019, 67, 2307-2324.	1.0	8
101	General sum-connectivity index of unicyclic graphs with given diameter. Discrete Applied Mathematics, 2021, 295, 39-46.	0.9	8
102	On a Conjecture about the Sombor Index of Graphs. Symmetry, 2021, 13, 1830.	2.2	8
103	Some properties on the lexicographic product of graphs obtained by monogenic semigroups. Journal of Inequalities and Applications, 2013, 2013, .	1.1	7
104	Laplacian eigenvalues of the second power of a graph. Discrete Mathematics, 2013, 313, 626-634.	0.7	7
105	On Relation Between Kirchhoff Index, Laplacian-Energy-Like Invariant and Laplacian Energy of Graphs. Bulletin of the Malaysian Mathematical Sciences Society, 2016, 39, 59-75.	0.9	7
106	Maximum Laplacian energy of unicyclic graphs. Discrete Applied Mathematics, 2017, 218, 71-81.	0.9	7
107	Kite graphs determined by their spectra. Applied Mathematics and Computation, 2017, 297, 74-78.	2.2	7
108	Nordhausâ€“Gaddum-Type Results for the Steiner Gutman Index of Graphs. Symmetry, 2020, 12, 1711.	2.2	7

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109	Common Neighborhood Energy of Commuting Graphs of Finite Groups. Symmetry, 2021, 13, 1651.	2.2	7
110	Comparison Between Zagreb Eccentricity Indices and the Eccentric Connectivity Index, the Second Geometric-arithmetic Index and the Graovac-Ghorbani Index. Croatica Chemica Acta, 2016, 89, .	0.4	7
111	General RandiÄ‡ index of unicyclic graphs with given diameter. Discrete Applied Mathematics, 2022, 306, 7-16.	0.9	7
112	Some properties on the tensor product of graphs obtained by monogenic semigroups. Applied Mathematics and Computation, 2014, 235, 352-357.	2.2	6
113	The number of spanning trees of a graph with given matching number. International Journal of Computer Mathematics, 2016, 93, 837-843.	1.8	6
114	On Average Eccentricity of Graphs. Proceedings of the National Academy of Sciences India Section A - Physical Sciences, 2017, 87, 23-30.	1.2	6
115	Solution to a conjecture on the maximum <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml1" display="inline" overflow="scroll" altimg="si1.gif"><mml:mi>A</mml:mi><mml:mi>B</mml:mi><mml:mi>C</mml:mi></mml:math> index of graphs with given chromatic number. Discrete Applied Mathematics, 2018, 251, 126-134.	0.9	6
116	Some Extremal Graphs with Respect to Permanental Sum. Bulletin of the Malaysian Mathematical Sciences Society, 2019, 42, 2947-2961.	0.9	6
117	Normalized Laplacian eigenvalues with chromatic number and independence number of graphs. Linear and Multilinear Algebra, 2020, 68, 63-80.	1.0	6
118	On the maximal general ABC index of graphs with given maximum degree. Applied Mathematics and Computation, 2020, 386, 125531.	2.2	6
119	Normalized Laplacian spectrum of complete multipartite graphs. Discrete Applied Mathematics, 2020, 284, 234-245.	0.9	6
120	Characterization of extremal graphs from Laplacian eigenvalues and the sum of powers of the Laplacian eigenvalues of graphs. Discrete Mathematics, 2015, 338, 1252-1263.	0.7	5
121	The Kirchhoff Index of Quasi-Tree Graphs. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2015, 70, 135-139.	1.5	5
122	Bounds on the entries of the principal eigenvector of the distance signless Laplacian matrix. Linear Algebra and Its Applications, 2015, 483, 200-220.	0.9	5
123	Distribution of Laplacian eigenvalues of graphs. Linear Algebra and Its Applications, 2016, 508, 48-61.	0.9	5
124	Generalizations of SzÅ‘kefalvi Nagy and Chebyshev inequalities with applications in spectral graph theory. Applied Mathematics and Computation, 2017, 313, 235-244.	2.2	5
125	Eigenvalues of the resistance-distance matrix of complete multipartite graphs. Journal of Inequalities and Applications, 2017, 2017, 296.	1.1	5
126	Reciprocal degree distance and graph properties. Discrete Applied Mathematics, 2019, 258, 1-7.	0.9	5

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127	Extremal polygonal cacti for bond incident degree indices. Discrete Applied Mathematics, 2019, 257, 289-298.	0.9	5
128	Extremal Results for Cacti. Bulletin of the Malaysian Mathematical Sciences Society, 2020, 43, 2783-2798.	0.9	5
129	Sharp Bounds on (Generalized) Distance Energy of Graphs. Mathematics, 2020, 8, 426.	2.2	5
130	On the multiplicities of normalized Laplacian eigenvalues of graphs. Linear Algebra and Its Applications, 2021, 609, 365-385.	0.9	5
131	Proof of a conjecture on distance energy change of complete multipartite graph due to edge deletion. Linear Algebra and Its Applications, 2021, 611, 253-259.	0.9	5
132	Bounds for the Energy of Graphs. Hacettepe Journal of Mathematics and Statistics, 2016, 3, .	0.3	5
133	Chain graph sequences and Laplacian spectra of chain graphs. Linear and Multilinear Algebra, 2023, 71, 569-585.	1.0	5
134	Sufficient Conditions for a Graph to Be â„“-Connected, â„“-Deficient, â„“-Hamiltonian and â„“â^'-Independent in Terms of the Forgotten Topological Index. Mathematics, 2022, 10, 1802.	2.2	5
135	On the Characterization of a Minimal Resolving Set for Power of Paths. Mathematics, 2022, 10, 2445.	2.2	5
136	Estimating the Vertex PI Index. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2010, 65, 240-244.	1.5	4
137	The number of spanning trees of a graph. Journal of Inequalities and Applications, 2013, 2013, .	1.1	4
138	Seidel-Estrada index. Journal of Inequalities and Applications, 2016, 2016, .	1.1	4
139	Distance between distance spectra of graphs. Linear and Multilinear Algebra, 2017, 65, 2538-2550.	1.0	4
140	Embeddings into almost self-centered graphs of given radius. Journal of Combinatorial Optimization, 2018, 36, 1388-1410.	1.3	4
141	Distance signless Laplacian eigenvalues of graphs. Frontiers of Mathematics in China, 2019, 14, 693-713.	0.7	4
142	On the second largest normalized Laplacian eigenvalue of graphs. Applied Mathematics and Computation, 2019, 348, 531-541.	2.2	4
143	Open Problem on $sigma$-invariant. Taiwanese Journal of Mathematics, 2019, 23, .	0.4	4
144	Some properties of eigenvalues of the Seidel matrix. Linear and Multilinear Algebra, 2020, , 1-12.	1.0	4

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145	On the permanental sum of bicyclic graphs. Computational and Applied Mathematics, 2020, 39, 1.	2.2	4
146	Comparison and Extremal Results on Three Eccentricity-based Invariants of Graphs. Acta Mathematica Sinica, English Series, 2020, 36, 40-54.	0.6	4
147	On the Balaban Index of Chain Graphs. Bulletin of the Malaysian Mathematical Sciences Society, 2021, 44, 2123-2138.	0.9	4
148	On the conjecture for certain Laplacian integral spectrum of graphs. Journal of Graph Theory, 2010, 63, 106-113.	0.9	3
149	Improved upper and lower bounds for the spectral radius of digraphs. Applied Mathematics and Computation, 2010, 216, 791-799.	2.2	3
150	Fourth generation detour matrix-based topological indices for QSAR/QSPR - Part-1: development and evaluation. International Journal of Computational Biology and Drug Design, 2012, 5, 335.	0.3	3
151	Upper bounds on the (signless) Laplacian eigenvalues of graphs. Linear Algebra and Its Applications, 2014, 459, 334-341.	0.9	3
152	Distance between the normalized Laplacian spectra of two graphs. Linear Algebra and Its Applications, 2017, 530, 305-321.	0.9	3
153	Nordhaus-Gaddum-type result on the second largest signless Laplacian eigenvalue of a graph. Linear and Multilinear Algebra, 2021, 69, 1035-1044.	1.0	3
154	On general reduced second Zagreb index of graphs. Hacettepe Journal of Mathematics and Statistics, 2019, 48, .	0.3	3
155	Maximal unicyclic graphs with respect to new atom-bond connectivity index. Acta Chimica Slovenica, 2013, 60, 34-42.	0.6	3
156	The Average Eccentricity of Block Graphs: A Block Order Sequence Perspective. Axioms, 2022, 11, 114.	1.9	3
157	A new graph based on the semi-direct product of some monoids. Journal of Inequalities and Applications, 2013, 2013, .	1.1	2
158	Eigenvalues of the kâ€th power of a graph. Mathematische Nachrichten, 2016, 289, 1585-1593.	0.8	2
159	The (signless) Laplacian spectral radii ofc-cyclic graphs withnvertices, girthgandkpendant vertices. Linear and Multilinear Algebra, 2017, 65, 869-881.	1.0	2
160	Relations between degrees, conjugate degrees and graph energies. Linear Algebra and Its Applications, 2017, 515, 24-37.	0.9	2
161	Proof of conjecture involving algebraic connectivity and average degree of graphs. Linear Algebra and Its Applications, 2018, 548, 172-188.	0.9	2
162	On Laplacian energy, Laplacian-energy-like invariant and Kirchhoff index of graphs. Linear Algebra and Its Applications, 2018, 554, 170-184.	0.9	2

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163	Some bounds for total communicability of graphs. Linear Algebra and Its Applications, 2019, 569, 266-284.	0.9	2
164	On the normalized Laplacian spectral radii of a graph and its line graph. Computational and Applied Mathematics, 2020, 39, 1.	2.2	2
165	Comparative results and bounds for the eccentric-adjacency index. Discrete Applied Mathematics, 2020, 285, 188-196.	0.9	2
166	Proof and disproof of conjectures on spectral radii of coclique extension of cycles and paths. Linear Algebra and Its Applications, 2021, 618, 1-11.	0.9	2
167	Steiner Degree Distance of Two Graph Products. Analele Stiintifice Ale Universitatii Ovidius Constanta, Seria Matematica, 2019, 27, 83-99.	0.3	2
168	Nordhaus-Gaddum-type results for resistance distance-based graph invariants. Discussiones Mathematicae - Graph Theory, 2016, 36, 695.	0.3	2
169	Toughness and normalized Laplacian eigenvalues of graphs. Applied Mathematics and Computation, 2022, 425, 127075.	2.2	2
170	On distance-regular Cayley graphs of generalized dicyclic groups. Discrete Mathematics, 2022, 345, 112984.	0.7	2
171	Some array polynomials over special monoid presentations. Fixed Point Theory and Applications, 2013, 2013, .	1.1	1
172	On the Graovacâ€“Ghorbani index of graphs. Applied Mathematics and Computation, 2016, 275, 353-360.	2.2	1
173	Extremal Laplacian energy of threshold graphs. Applied Mathematics and Computation, 2016, 273, 267-280.	2.2	1
174	On the ordering of distance-based invariants of graphs. Applied Mathematics and Computation, 2018, 324, 191-201.	2.2	1
175	The fan graph is determined by its signless Laplacian spectrum. , 2020, 70, 21-31.		1
176	Some Properties of Algebraic Connectivity. The National Academy of Sciences, India, 2020, 43, 537-542.	1.3	1
177	On conjecture of Merrifieldâ€“Simmons index. Discrete Applied Mathematics, 2021, 288, 211-217.	0.9	1
178	On (distance) signless Laplacian spectra of graphs. Journal of Applied Mathematics and Computing, 2021, 67, 23-40.	2.5	1
179	Some spectral bounds for the harmonic matrix. Analele Stiintifice Ale Universitatii Ovidius Constanta, Seria Matematica, 2017, 25, 73-81.	0.3	1
180	On the Number of k-Matchings in Graphs. Proceedings of the National Academy of Sciences India Section A - Physical Sciences, 0, , 1.	1.2	1

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181	Proof of a conjecture on communicability distance sum index of graphs. Linear Algebra and Its Applications, 2022, 645, 278-292.	0.9	1
182	Characterization of graphs having extremal RandiÄ‡ indices. Linear Algebra and Its Applications, 2007, 420, 124-134.	0.9	0
183	On the energy and spectral properties of the He matrix of hexagonal systems. Czechoslovak Mathematical Journal, 2013, 63, 47-63.	0.3	0
184	Relation Between the Harary Index and Related Topological Indices. SpringerBriefs in Applied Sciences and Technology, 2015, , 27-34.	0.4	0
185	Quotient of spectral radius, (signless) Laplacian spectral radius and clique number of graphs. Czechoslovak Mathematical Journal, 2016, 66, 1039-1048.	0.3	0
186	On Two Conjectures of Spectral Graph Theory. Bulletin of the Iranian Mathematical Society, 2018, 44, 43-51.	1.0	0
187	Comparison between Szeged indices of graphs. Quaestiones Mathematicae, 2020, 43, 1031-1046.	0.6	0
188	Construction for the Sequences of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mi>Q</mml:mi></mml:math>-Borderenergetic Graphs. Mathematical Problems in Engineering, 2020, 2020, 1-5.	1.1	0
189	On Maximal Distance Energy. Mathematics, 2021, 9, 360.	2.2	0
190	The Maximum Number of Spanning Trees of a Graph with Given Matching Number. Bulletin of the Malaysian Mathematical Sciences Society, 2021, 44, 3725.	0.9	0
191	Hypoenergetic and nonhypoenergetic digraphs. Linear Algebra and Its Applications, 2021, 618, 129-143.	0.9	0
192	Minimality over free monoid presentations. Hacettepe Journal of Mathematics and Statistics, 2014, 6, .	0.3	0
193	Extremal Graphs with Respect to Harary Index. SpringerBriefs in Applied Sciences and Technology, 2015, , 13-26.	0.4	0
194	Some Properties and Applications of Harary Index. SpringerBriefs in Applied Sciences and Technology, 2015, , 35-54.	0.4	0