

# 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	Chain graph sequences and Laplacian spectra of chain graphs. <i>Linear and Multilinear Algebra</i> , 2023, 71, 569-585.	1.0	5
2	On Sombor index of trees. <i>Applied Mathematics and Computation</i> , 2022, 412, 126575.	2.2	21
3	General Randić index of unicyclic graphs with given diameter. <i>Discrete Applied Mathematics</i> , 2022, 306, 7-16.	0.9	7
4	Extremal augmented Zagreb index of trees with given numbers of vertices and leaves. <i>Discrete Mathematics</i> , 2022, 345, 112753.	0.7	9
5	Fault-Tolerant Metric Dimension of Circulant Graphs. <i>Mathematics</i> , 2022, 10, 124.	2.2	11
6	The Average Eccentricity of Block Graphs: A Block Order Sequence Perspective. <i>Axioms</i> , 2022, 11, 114.	1.9	3
7	Proof of a conjecture on communicability distance sum index of graphs. <i>Linear Algebra and Its Applications</i> , 2022, 645, 278-292.	0.9	1
8	Toughness and normalized Laplacian eigenvalues of graphs. <i>Applied Mathematics and Computation</i> , 2022, 425, 127075.	2.2	2
9	On distance-regular Cayley graphs of generalized dicyclic groups. <i>Discrete Mathematics</i> , 2022, 345, 112984.	0.7	2
10	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. <i>Mathematics</i> , 2022, 10, 1802.	2.2	5
11	On the Characterization of a Minimal Resolving Set for Power of Paths. <i>Mathematics</i> , 2022, 10, 2445.	2.2	5
12	Nordhaus-Gaddum-type result on the second largest signless Laplacian eigenvalue of a graph. <i>Linear and Multilinear Algebra</i> , 2021, 69, 1035-1044.	1.0	3
13	On the multiplicities of normalized Laplacian eigenvalues of graphs. <i>Linear Algebra and Its Applications</i> , 2021, 609, 365-385.	0.9	5
14	On the Balaban Index of Chain Graphs. <i>Bulletin of the Malaysian Mathematical Sciences Society</i> , 2021, 44, 2123-2138.	0.9	4
15	On conjecture of Merrifield-Simmons index. <i>Discrete Applied Mathematics</i> , 2021, 288, 211-217.	0.9	1
16	Proof of a conjecture on distance energy change of complete multipartite graph due to edge deletion. <i>Linear Algebra and Its Applications</i> , 2021, 611, 253-259.	0.9	5
17	On (distance) signless Laplacian spectra of graphs. <i>Journal of Applied Mathematics and Computing</i> , 2021, 67, 23-40.	2.5	1
18	On Sombor Index. <i>Symmetry</i> , 2021, 13, 140.	2.2	75

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19	On Maximal Distance Energy. <i>Mathematics</i> , 2021, 9, 360.	2.2	0
20	On the relation between Wiener index and eccentricity of a graph. <i>Journal of Combinatorial Optimization</i> , 2021, 41, 817-829.	1.3	9
21	Open problems on the exponential vertex-degree-based topological indices of graphs. <i>Discrete Applied Mathematics</i> , 2021, 293, 38-49.	0.9	14
22	General sum-connectivity index of unicyclic graphs with given diameter. <i>Discrete Applied Mathematics</i> , 2021, 295, 39-46.	0.9	8
23	Some Extremal Graphs with Respect to Sombor Index. <i>Mathematics</i> , 2021, 9, 1202.	2.2	26
24	The Maximum Number of Spanning Trees of a Graph with Given Matching Number. <i>Bulletin of the Malaysian Mathematical Sciences Society</i> , 2021, 44, 3725.	0.9	0
25	Hypoenergetic and nonhypoenergetic digraphs. <i>Linear Algebra and Its Applications</i> , 2021, 618, 129-143.	0.9	0
26	Proof and disproof of conjectures on spectral radii of coclique extension of cycles and paths. <i>Linear Algebra and Its Applications</i> , 2021, 618, 1-11.	0.9	2
27	Common Neighborhood Energy of Commuting Graphs of Finite Groups. <i>Symmetry</i> , 2021, 13, 1651.	2.2	7
28	On a Conjecture about the Sombor Index of Graphs. <i>Symmetry</i> , 2021, 13, 1830.	2.2	8
29	Comparison between Szeged indices of graphs. <i>Quaestiones Mathematicae</i> , 2020, 43, 1031-1046.	0.6	0
30	Normalized Laplacian eigenvalues with chromatic number and independence number of graphs. <i>Linear and Multilinear Algebra</i> , 2020, 68, 63-80.	1.0	6
31	Extremal Results for Cacti. <i>Bulletin of the Malaysian Mathematical Sciences Society</i> , 2020, 43, 2783-2798.	0.9	5
32	On the least eigenvalue of A-matrix of graphs. <i>Linear Algebra and Its Applications</i> , 2020, 586, 347-376.	0.9	13
33	On reduced second Zagreb index. <i>Journal of Combinatorial Optimization</i> , 2020, 39, 776-791.	1.3	10
34	The fan graph is determined by its signless Laplacian spectrum. , 2020, 70, 21-31.		1
35	A conjecture on the spectral radius of graphs. <i>Linear Algebra and Its Applications</i> , 2020, 588, 74-80.	0.9	9
36	On the normalized Laplacian spectral radii of a graph and its line graph. <i>Computational and Applied Mathematics</i> , 2020, 39, 1.	2.2	2

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37	Comparative results and bounds for the eccentric-adjacency index. Discrete Applied Mathematics, 2020, 285, 188-196.	0.9	2
38	Construction for the Sequences of $Q$ -Borderenergetic Graphs. Mathematical Problems in Engineering, 2020, 2020, 1-5.	1.1	0
39	On the maximal general ABC index of graphs with given maximum degree. Applied Mathematics and Computation, 2020, 386, 125531.	2.2	6
40	Some properties of eigenvalues of the Seidel matrix. Linear and Multilinear Algebra, 2020, , 1-12.	1.0	4
41	Nordhaus's Gaddum-Type Results for the Steiner Gutman Index of Graphs. Symmetry, 2020, 12, 1711.	2.2	7
42	Sharp Bounds on (Generalized) Distance Energy of Graphs. Mathematics, 2020, 8, 426.	2.2	5
43	On the permanent sum of bicyclic graphs. Computational and Applied Mathematics, 2020, 39, 1.	2.2	4
44	Comparison and Extremal Results on Three Eccentricity-based Invariants of Graphs. Acta Mathematica Sinica, English Series, 2020, 36, 40-54.	0.6	4
45	Some Properties of Algebraic Connectivity. The National Academy of Sciences, India, 2020, 43, 537-542.	1.3	1
46	Normalized Laplacian spectrum of complete multipartite graphs. Discrete Applied Mathematics, 2020, 284, 234-245.	0.9	6
47	On energy and Laplacian energy of chain graphs. Discrete Applied Mathematics, 2020, 284, 391-400.	0.9	18
48	On the eigenvalues of $A \pm \frac{1}{m} \mathbf{1} \mathbf{1}^T$ of graphs. Discrete Mathematics, 2020, 343, 111917.	0.7	9
49	Some Extremal Graphs with Respect to Permanent Sum. Bulletin of the Malaysian Mathematical Sciences Society, 2019, 42, 2947-2961.	0.9	6
50	On $v$ - $e$ -degree and $e$ - $v$ -degree of graphs. Discrete Optimization, 2019, 31, 1-7.	0.9	45
51	On distance Laplacian and distance signless Laplacian eigenvalues of graphs. Linear and Multilinear Algebra, 2019, 67, 2307-2324.	1.0	8
52	Distance signless Laplacian eigenvalues of graphs. Frontiers of Mathematics in China, 2019, 14, 693-713.	0.7	4
53	On atom-bond connectivity index of graphs. Journal of Mathematical Analysis and Applications, 2019, 479, 1099-1114.	1.0	14
54	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

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55	Some bounds for total communicability of graphs. <i>Linear Algebra and Its Applications</i> , 2019, 569, 266-284.	0.9	2
56	A formula with its applications on the difference of Zagreb indices of graphs. <i>Journal of Mathematical Chemistry</i> , 2019, 57, 1618-1626.	1.5	17
57	Spectral results on Hamiltonian problem. <i>Discrete Mathematics</i> , 2019, 342, 1718-1730.	0.7	9
58	Reciprocal degree distance and graph properties. <i>Discrete Applied Mathematics</i> , 2019, 258, 1-7.	0.9	5
59	On the second largest normalized Laplacian eigenvalue of graphs. <i>Applied Mathematics and Computation</i> , 2019, 348, 531-541.	2.2	4
60	Open Problem on $\sigma$ -invariant. <i>Taiwanese Journal of Mathematics</i> , 2019, 23, .	0.4	4
61	Extremal polygonal cacti for bond incident degree indices. <i>Discrete Applied Mathematics</i> , 2019, 257, 289-298.	0.9	5
62	On general reduced second Zagreb index of graphs. <i>Hacettepe Journal of Mathematics and Statistics</i> , 2019, 48, .	0.3	3
63	Steiner Degree Distance of Two Graph Products. <i>Analele Stiintifice Ale Universitatii Ovidius Constanta, Seria Matematica</i> , 2019, 27, 83-99.	0.3	2
64	On (distance) Laplacian energy and (distance) signless Laplacian energy of graphs. <i>Discrete Applied Mathematics</i> , 2018, 243, 172-185.	0.9	29
65	On Two Conjectures of Spectral Graph Theory. <i>Bulletin of the Iranian Mathematical Society</i> , 2018, 44, 43-51.	1.0	0
66	On the ordering of distance-based invariants of graphs. <i>Applied Mathematics and Computation</i> , 2018, 324, 191-201.	2.2	1
67	Proof of conjecture involving algebraic connectivity and average degree of graphs. <i>Linear Algebra and Its Applications</i> , 2018, 548, 172-188.	0.9	2
68	Comparative analysis of symmetric division deg index as potentially useful molecular descriptor. <i>International Journal of Quantum Chemistry</i> , 2018, 118, e25659.	2.0	34
69	Degree-based energies of graphs. <i>Linear Algebra and Its Applications</i> , 2018, 554, 185-204.	0.9	40
70	On Laplacian energy, Laplacian-energy-like invariant and Kirchhoff index of graphs. <i>Linear Algebra and Its Applications</i> , 2018, 554, 170-184.	0.9	2
71	Embeddings into almost self-centered graphs of given radius. <i>Journal of Combinatorial Optimization</i> , 2018, 36, 1388-1410.	1.3	4
72	Solution to a conjecture on the maximum $\frac{A}{B} < C >$ index of graphs with given chromatic number. <i>Discrete Applied Mathematics</i> , 2018, 251, 126-134.	0.9	6

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73	Distance between distance spectra of graphs. <i>Linear and Multilinear Algebra</i> , 2017, 65, 2538-2550.	1.0	4
74	Extended energy and its dependence on molecular structure. <i>Canadian Journal of Chemistry</i> , 2017, 95, 526-529.	1.1	15
75	Maximum Laplacian energy of unicyclic graphs. <i>Discrete Applied Mathematics</i> , 2017, 218, 71-81.	0.9	7
76	Distance between the normalized Laplacian spectra of two graphs. <i>Linear Algebra and Its Applications</i> , 2017, 530, 305-321.	0.9	3
77	On two eccentricity-based topological indices of graphs. <i>Discrete Applied Mathematics</i> , 2017, 233, 240-251.	0.9	20
78	Generalizations of Székelyfalvi Nagy and Chebyshev inequalities with applications in spectral graph theory. <i>Applied Mathematics and Computation</i> , 2017, 313, 235-244.	2.2	5
79	On spectral radius and energy of extended adjacency matrix of graphs. <i>Applied Mathematics and Computation</i> , 2017, 296, 116-123.	2.2	18
80	Kite graphs determined by their spectra. <i>Applied Mathematics and Computation</i> , 2017, 297, 74-78.	2.2	7
81	On maximum Wiener index of trees and graphs with given radius. <i>Journal of Combinatorial Optimization</i> , 2017, 34, 574-587.	1.3	20
82	The (signless) Laplacian spectral radii of $k$ -cyclic graphs with $n$ vertices, $g$ irth and $k$ pendant vertices. <i>Linear and Multilinear Algebra</i> , 2017, 65, 869-881.	1.0	2
83	The spectral characterization of butterfly-like graphs. <i>Linear Algebra and Its Applications</i> , 2017, 513, 55-68.	0.9	12
84	On Average Eccentricity of Graphs. <i>Proceedings of the National Academy of Sciences India Section A - Physical Sciences</i> , 2017, 87, 23-30.	1.2	6
85	Relations between degrees, conjugate degrees and graph energies. <i>Linear Algebra and Its Applications</i> , 2017, 515, 24-37.	0.9	2
86	Eigenvalues of the resistance-distance matrix of complete multipartite graphs. <i>Journal of Inequalities and Applications</i> , 2017, 2017, 296.	1.1	5
87	Some spectral bounds for the harmonic matrix. <i>Analele Stiintifice Ale Universitatii Ovidius Constanta, Seria Matematica</i> , 2017, 25, 73-81.	0.3	1
88	Normalized Laplacian Eigenvalues and Energy of Trees. <i>Taiwanese Journal of Mathematics</i> , 2016, 20, .	0.4	8
89	Eigenvalues of the $k$ th power of a graph. <i>Mathematische Nachrichten</i> , 2016, 289, 1585-1593.	0.8	2
90	Relation between signless Laplacian energy, energy of graph and its line graph. <i>Linear Algebra and Its Applications</i> , 2016, 493, 91-107.	0.9	14

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91	On some degree-and-distance-based graph invariants of trees. Applied Mathematics and Computation, 2016, 289, 1-6.	2.2	8
92	The number of spanning trees of a graph with given matching number. International Journal of Computer Mathematics, 2016, 93, 837-843.	1.8	6
93	On Wiener and multiplicative Wiener indices of graphs. Discrete Applied Mathematics, 2016, 206, 9-14.	0.9	21
94	Characterization of extremal graphs from distance signless Laplacian eigenvalues. Linear Algebra and Its Applications, 2016, 500, 77-87.	0.9	12
95	Some results on the Laplacian spread of a graph. Linear Algebra and Its Applications, 2016, 505, 245-260.	0.9	13
96	Remoteness and distance eigenvalues of a graph. Discrete Applied Mathematics, 2016, 215, 218-224.	0.9	13
97	Complete characterization of graphs for direct comparing Zagreb indices. Discrete Applied Mathematics, 2016, 215, 146-154.	0.9	21
98	Distribution of Laplacian eigenvalues of graphs. Linear Algebra and Its Applications, 2016, 508, 48-61.	0.9	5
99	Quotient of spectral radius, (signless) Laplacian spectral radius and clique number of graphs. Czechoslovak Mathematical Journal, 2016, 66, 1039-1048.	0.3	0
100	On a novel eccentricity-based invariant of a graph. Acta Mathematica Sinica, English Series, 2016, 32, 1477-1493.	0.6	20
101	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
102	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
103	Seidel-Estrada index. Journal of Inequalities and Applications, 2016, 2016, .	1.1	4
104	Extremal $\chi$ -apex trees with respect to matching energy. Complexity, 2016, 21, 238-247.	1.6	18
105	Comparison between the zeroth-order Randić index and the sum-connectivity index. Applied Mathematics and Computation, 2016, 274, 585-589.	2.2	13
106	On energy of line graphs. Linear Algebra and Its Applications, 2016, 499, 79-89.	0.9	11
107	Complete split graph determined by its (signless) Laplacian spectrum. Discrete Applied Mathematics, 2016, 205, 45-51.	0.9	11
108	On the Wiener polarity index of graphs. Applied Mathematics and Computation, 2016, 280, 162-167.	2.2	19

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109	On the Graovac-Ghorbani index of graphs. Applied Mathematics and Computation, 2016, 275, 353-360.	2.2	1
110	Extremal Laplacian energy of threshold graphs. Applied Mathematics and Computation, 2016, 273, 267-280.	2.2	1
111	On energy and Laplacian energy of bipartite graphs. Applied Mathematics and Computation, 2016, 273, 759-766.	2.2	16
112	Some extremal results on the connective eccentricity index of graphs. Journal of Mathematical Analysis and Applications, 2016, 433, 803-817.	1.0	35
113	Some extremal graphs with respect to inverse degree. Discrete Applied Mathematics, 2016, 203, 171-183.	0.9	23
114	Ordering connected graphs by their Kirchhoff indices. International Journal of Computer Mathematics, 2016, 93, 1741-1755.	1.8	8
115	Sum-connectivity index of a graph. Frontiers of Mathematics in China, 2016, 11, 47-54.	0.7	11
116	Bounds for the Energy of Graphs. Hacettepe Journal of Mathematics and Statistics, 2016, 3, .	0.3	5
117	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
118	Nordhaus-Gaddum-type results for resistance distance-based graph invariants. Discussiones Mathematicae - Graph Theory, 2016, 36, 695.	0.3	2
119	Sharp lower bounds for the Zagreb indices of unicyclic graphs. Turkish Journal of Mathematics, 2015, 39, 595-603.	0.7	9
120	Weighted Harary indices of apex trees and $k$ -apex trees. Discrete Applied Mathematics, 2015, 189, 30-40.	0.9	21
121	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
122	The Kirchhoff Index of Quasi-Tree Graphs. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2015, 70, 135-139.	1.5	5
123	Relation Between the Harary Index and Related Topological Indices. SpringerBriefs in Applied Sciences and Technology, 2015, , 27-34.	0.4	0
124	Zagreb indices of graphs. Frontiers of Mathematics in China, 2015, 10, 567-582.	0.7	46
125	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
126	On Laplacian energy in terms of graph invariants. Applied Mathematics and Computation, 2015, 268, 83-92.	2.2	17



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127	Comparison between the Szeged index and the eccentric connectivity index. Discrete Applied Mathematics, 2015, 186, 74-86.	0.9	21
128	The difference between remoteness and radius of a graph. Discrete Applied Mathematics, 2015, 187, 103-110.	0.9	14
129	Relations between distance-based and degree-based topological indices. Applied Mathematics and Computation, 2015, 270, 142-147.	2.2	22
130	Graphs with fixed number of pendent vertices and minimal Zeroth-order general Randić index. Applied Mathematics and Computation, 2015, 270, 705-710.	2.2	14
131	Proof of conjectures on the distance signless Laplacian eigenvalues of graphs. Linear Algebra and Its Applications, 2015, 467, 100-115.	0.9	23
132	Extremal Graphs with Respect to Harary Index. SpringerBriefs in Applied Sciences and Technology, 2015, , 13-26.	0.4	0
133	Some Properties and Applications of Harary Index. SpringerBriefs in Applied Sciences and Technology, 2015, , 35-54.	0.4	0
134	On incidence energy of graphs. Linear Algebra and Its Applications, 2014, 446, 329-344.	0.9	14
135	Some properties on the tensor product of graphs obtained by monogenic semigroups. Applied Mathematics and Computation, 2014, 235, 352-357.	2.2	6
136	Some graphs determined by their (signless) Laplacian spectra. Linear Algebra and Its Applications, 2014, 449, 154-165.	0.9	12
137	Proof of conjectures on remoteness and proximity in graphs. Discrete Applied Mathematics, 2014, 171, 72-80.	0.9	13
138	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
139	Upper bounds on the (signless) Laplacian eigenvalues of graphs. Linear Algebra and Its Applications, 2014, 459, 334-341.	0.9	3
140	On Laplacian energy of graphs. Discrete Mathematics, 2014, 325, 52-64.	0.7	32
141	On the Laplacian-energy-like invariant. Linear Algebra and Its Applications, 2014, 442, 58-68.	0.9	12
142	Minimality over free monoid presentations. Hacettepe Journal of Mathematics and Statistics, 2014, 6, .	0.3	0
143	Some properties on the lexicographic product of graphs obtained by monogenic semigroups. Journal of Inequalities and Applications, 2013, 2013, .	1.1	7
144	A new graph based on the semi-direct product of some monoids. Journal of Inequalities and Applications, 2013, 2013, .	1.1	2

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145	The multiplicative Zagreb indices of graph operations. <i>Journal of Inequalities and Applications</i> , 2013, .	1.1	58
146	Some array polynomials over special monoid presentations. <i>Fixed Point Theory and Applications</i> , 2013, .	1.1	1
147	On sum of powers of the Laplacian eigenvalues of graphs. <i>Linear Algebra and Its Applications</i> , 2013, 439, 3561-3575.	0.9	8
148	The number of spanning trees of a graph. <i>Journal of Inequalities and Applications</i> , 2013, 2013, .	1.1	4
149	On the Harary index of graph operations. <i>Journal of Inequalities and Applications</i> , 2013, 2013, .	1.1	12
150	The relationship between the eccentric connectivity index and Zagreb indices. <i>Discrete Applied Mathematics</i> , 2013, 161, 2480-2491.	0.9	33
151	Sharp upper bounds on the spectral radius of the signless Laplacian matrix of a graph. <i>Applied Mathematics and Computation</i> , 2013, 219, 5025-5032.	2.2	10
152	Proof of conjectures involving algebraic connectivity of graphs. <i>Linear Algebra and Its Applications</i> , 2013, 438, 3291-3302.	0.9	8
153	Laplacian eigenvalues of the second power of a graph. <i>Discrete Mathematics</i> , 2013, 313, 626-634.	0.7	7
154	Proof of conjectures on adjacency eigenvalues of graphs. <i>Discrete Mathematics</i> , 2013, 313, 19-25.	0.7	18
155	On the energy and spectral properties of the He matrix of hexagonal systems. <i>Czechoslovak Mathematical Journal</i> , 2013, 63, 47-63.	0.3	0
156	On the Kirchhoff Index of Graphs. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2013, 68, 531-538.	1.5	15
157	Some properties of the Zagreb eccentricity indices. <i>Ars Mathematica Contemporanea</i> , 2013, 6, 117-125.	0.6	31
158	On the multiplicative Zagreb coindex of graphs. <i>Opuscula Mathematica</i> , 2013, 33, 191.	0.8	31
159	Maximal unicyclic graphs with respect to new atom-bond connectivity index. <i>Acta Chimica Slovenica</i> , 2013, 60, 34-42.	0.6	3
160	Fourth generation detour matrix-based topological indices for QSAR/QSPR - Part-1: development and evaluation. <i>International Journal of Computational Biology and Drug Design</i> , 2012, 5, 335.	0.3	3
161	Comparison Between Geometric-arithmetic Indices. <i>Croatica Chemica Acta</i> , 2012, 85, 353-357.	0.4	12
162	Proof of conjectures involving the largest and the smallest signless Laplacian eigenvalues of graphs. <i>Discrete Mathematics</i> , 2012, 312, 992-998.	0.7	19

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163	Comparison between Kirchhoff index and the Laplacian-energy-like invariant. <i>Linear Algebra and Its Applications</i> , 2012, 436, 3661-3671.	0.9	33
164	On atom-bond connectivity index. <i>Chemical Physics Letters</i> , 2011, 511, 452-454.	2.6	83
165	Maximal and minimal entry in the principal eigenvector for the distance matrix of a graph. <i>Discrete Mathematics</i> , 2011, 311, 2593-2600.	0.7	11
166	Extremal graph characterization from the bounds of the spectral radius of weighted graphs. <i>Applied Mathematics and Computation</i> , 2011, 217, 7420-7426.	2.2	13
167	Relationship between the eccentric connectivity index and Zagreb indices. <i>Computers and Mathematics With Applications</i> , 2011, 62, 1758-1764.	2.7	21
168	On Harary index of graphs. <i>Discrete Applied Mathematics</i> , 2011, 159, 1631-1640.	0.9	50
169	Proof of conjecture involving the second largest signless Laplacian eigenvalue and the index of graphs. <i>Linear Algebra and Its Applications</i> , 2011, 435, 2420-2424.	0.9	17
170	On the conjecture for certain Laplacian integral spectrum of graphs. <i>Journal of Graph Theory</i> , 2010, 63, 106-113.	0.9	3
171	Comparison between first geometricâ€œarithmetic index and atom-bond connectivity index. <i>Chemical Physics Letters</i> , 2010, 497, 149-151.	2.6	62
172	Maximum eigenvalue of the reciprocal distance matrix. <i>Journal of Mathematical Chemistry</i> , 2010, 47, 21-28.	1.5	18
173	On conjectures involving second largest signless Laplacian eigenvalue of graphs. <i>Linear Algebra and Its Applications</i> , 2010, 432, 3018-3029.	0.9	82
174	Conjectures on index and algebraic connectivity of graphs. <i>Linear Algebra and Its Applications</i> , 2010, 433, 1666-1673.	0.9	11
175	Improved upper and lower bounds for the spectral radius of digraphs. <i>Applied Mathematics and Computation</i> , 2010, 216, 791-799.	2.2	3
176	Atom-bond connectivity index of graphs. <i>Discrete Applied Mathematics</i> , 2010, 158, 1181-1188.	0.9	87
177	Estimating the Vertex PI Index. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2010, 65, 240-244.	1.5	4
178	New upper bounds on Zagreb indices. <i>Journal of Mathematical Chemistry</i> , 2009, 46, 514-521.	1.5	52
179	Bounds on Harary index. <i>Journal of Mathematical Chemistry</i> , 2009, 46, 1377-1393.	1.5	31
180	A sharp upper bound on the maximal entry in the principal eigenvector of symmetric nonnegative matrix. <i>Linear Algebra and Its Applications</i> , 2009, 431, 1340-1350.	0.9	10

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181	On the Estrada index conjecture. <i>Linear Algebra and Its Applications</i> , 2009, 431, 1351-1359.	0.9	32
182	Estimating the Szeged index. <i>Applied Mathematics Letters</i> , 2009, 22, 1680-1684.	2.7	16
183	A sharp upper bound on the spectral radius of weighted graphs. <i>Discrete Mathematics</i> , 2008, 308, 3180-3186.	0.7	24
184	Characterization of graphs having extremal Randić indices. <i>Linear Algebra and Its Applications</i> , 2007, 420, 124-134.	0.9	0
185	Extremal graph characterization from the upper bound of the Laplacian spectral radius of weighted graphs. <i>Linear Algebra and Its Applications</i> , 2007, 427, 55-69.	0.9	9
186	A Sharp Upper Bound for the Number of Spanning Trees of a Graph. <i>Graphs and Combinatorics</i> , 2007, 23, 625-632.	0.4	36
187	A sharp upper bound on the largest Laplacian eigenvalue of weighted graphs. <i>Linear Algebra and Its Applications</i> , 2005, 409, 153-165.	0.9	27
188	Sharp lower bounds on the Laplacian eigenvalues of trees. <i>Linear Algebra and Its Applications</i> , 2004, 384, 155-169.	0.9	19
189	A characterization on graphs which achieve the upper bound for the largest Laplacian eigenvalue of graphs. <i>Linear Algebra and Its Applications</i> , 2004, 376, 173-186.	0.9	35
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