Muhammad Shoaib Sardar

List of Publications by Year
in descending order

25 papers	123 citations	1478280 6 h-index	1372474 10 g-index
26 all docs	26 docs citations	26 times ranked	108 citing authors

#	Article	IF	Citations
1	Computation of Topological Indices of Double and Strong Double Graphs of Circumcoronene Series of Benzenoid $\langle math\ xmlns="http://www.w3.org/1998/Math/MathML"\ id="M1"\rangle\ \langle mfenced\ open="("$ Tj ETQq1 1 0.784314 rgBT /Over... Journal of Mathematics, 2022, 2022, 1-11.	0.5	1
2	Computation of Vertex-Based Topological Indices of Middle Graph of Alkane $\langle math\ xmlns="http://www.w3.org/1998/Math/MathML"\ id="M1"\rangle\ \langle mfenced\ open="("\ close=")"\ separators="|"\rangle\ \langle mrow\rangle\ \langle msub\rangle\ \langle mrow\rangle\ \langle mtext\rangle C\langle /mtext\rangle\ \langle /mrow\rangle\ \langle mrow\rangle\ \langle mi\rangle t\langle /mi\rangle\ \langle /mrow\rangle$. Journal of Mathematics, 2022, 2022, 1-7.	0.5	1
3	The study of the b-choromatic number of some classes of fractal graphs. Journal of Discrete Mathematical Sciences and Cryptography, 2022, 25, 1509-1524.	0.5	0
4	Some Two-Vertex Resistances of Nested Triangle Network. Circuits, Systems, and Signal Processing, 2021, 40, 1511-1524.	1.2	2
5	Resistance Distance in Tensor and Strong Product of Path or Cycle Graphs Based on the Generalized Inverse Approach. Journal of Mathematics, 2021, 2021, 1-10.	0.5	0
6	A Novel and Efficient Method for Computing the Resistance Distance. IEEE Access, 2021, 9, 107104-107110.	2.6	3
7	Vertex-Based Topological Indices of Double and Strong Double Graph of Dutch Windmill Graph. Journal of Chemistry, 2021, 2021, 1-12.	0.9	4
8	On the Connected Safe Number of Some Classes of Graphs. Journal of Mathematics, 2021, 2021, 1-4.	0.5	1
9	Computing Topological Descriptors and Polynomials of Certain 2D Chemical Structures. Journal of Chemistry, 2021, 2021, 1-16.	0.9	1
10	On the resistance diameter of hypercubes. Physica A: Statistical Mechanics and Its Applications, 2020, 540, 123076.	1.2	9
11	An explicit formula for the harmonic indices and harmonic polynomials of carbon nanocones $CNC_k[n]$. Journal of Information and Optimization Sciences, 2020, 41, 879-890.	0.2	15
12	Some Two-Vertex Resistances of the Three-Towers Hanoi Graph Formed by a Fractal Graph. Journal of Statistical Physics, 2020, 181, 116-131.	0.5	7
13	On modified eccentric connectivity index of nanotube. Journal of Information and Optimization Sciences, 2020, 41, 959-972.	0.2	9
14	Computation of resistance distance and Kirchhoff index of the two classes of silicate networks. Applied Mathematics and Computation, 2020, 381, 125283.	1.4	16
15	Some resistance distance and distance-based graph invariants and number of spanning trees in the tensor product of P2 and Kn. Proyecciones, 2020, 39, 919-931.	0.1	2
16	On 3-total edge product cordial labeling of tadpole, book and flower graphs. Open Journal of Mathematical Sciences, 2020, 4, 48-55.	0.7	9
17	Coordinate descent based ontology sparse vector computing strategy and its applications. Cluster Computing, 2019, 22, 10309-10323.	3.5	0
18	COMPUTATION OF TOPOLOGICAL INDICES OF LINE GRAPH OF JAHANGIR GRAPH. International Journal of Applied Mathematics and Machine Learning, 2018, 8, 91-107.	0.1	2

#	Article	IF	Citations
19	COMPUTING SANSKRUTI INDEX OF V-PHENYLENIC NANOTUBES AND NANOTORI. International Journal of Pure and Applied Mathematics, 2017, 115, .	0.2	6
20	Computing topological indices of the line graphs of Banana tree graph and Firecracker graph. Applied Mathematics and Nonlinear Sciences, 2017, 2, 83-92.	0.9	19
21	On the Sanskruti Index of Circumcoronene Series of Benzenoid. Applied Mathematics, 2017, 08, 520-524.	0.1	6
22	COMPUTING SANSKRUTI INDEX OF CAPRA-DESIGNED PLANAR BENZENOID SERIES $Ca_k(C_6)$. International Journal of Pure and Applied Mathematics, 2017, 115, .	0.2	0
23	EDGE VERSION OF HARMONIC INDEX AND HARMONIC POLYNOMIAL OF SOME CLASSES OF GRAPHS. Journal of Applied Mathematics & Informatics, 2016, 34, 479-486.	0.1	6
24	Base polynomials for degree and distance based topological invariants of n-bilinear straight pentachain. Journal of Information and Optimization Sciences, 0, , 1-17.	0.2	2
25	Resistance distance in some classes of rooted product graphs obtained by Laplacian generalized inverse method. Journal of Information and Optimization Sciences, 0, , 1-21.	0.2	2