Farkhanda Afzal

List of Publications by Year
in descending order

69 papers	775 citations	567281 15 h-index	642732 23 g-index
70 all docs	70 docs citations	70 times ranked	382 citing authors

#	Article	IF	Citations
1	The Study about Relationship of Direct Form of Topological Indices via M-Polynomial and Computational Analysis of Dexamethasone. Journal of Chemistry, 2022, 2022, 1-10.	1.9	2
2	Neutrosophic Soft Quad Structures Concerning Neutrosophic Soft Points. Mathematical Problems in Engineering, 2022, 2022, 1-12.	1.1	2
3	Investigation on Boron Alpha Nanotube by Studying Their M-Polynomial and Topological Indices. Journal of Mathematics, 2022, 2022, 1-7.	1.0	3
4	Multicriteria Decision-Making Methods Using Bipolar Neutrosophic Hamacher Geometric Aggregation Operators. Journal of Function Spaces, 2022, 2022, 1-13.	0.9	4
5	Modelling uncertainties with <scp>TOPSIS</scp> and <scp>GRA</scp> based on qâ€rung orthopair mâ€polar fuzzy soft information in <scp>COVID</scp>â€19. Expert Systems, 2022, 39, .	4.5	12
6	DepTSol: An Improved Deep-Learning- and Time-of-Flight-Based Real-Time Social Distance Monitoring Approach under Various Low-Light Conditions. Electronics (Switzerland), 2022, 11, 458.	3.1	4
7	Topological Properties of Degree-Based Invariants via M-Polynomial Approach. Journal of Mathematics, 2022, 2022, 1-8.	1.0	1
8	Characterization of Bipolar Vague Soft <math xmlns="http://www.w3.org/1998/Math/MathML" id="M1"> <mi>S</mi> </math>-Open Sets. Journal of Function Spaces, 2022, 2022, 1-13.	0.9	1
9	New Degree-Based Topological Indices of Toroidal Polyhex Graph by Means of M-Polynomial. Journal of Mathematics, 2022, 2022, 1-5.	1.0	0
10	System-Level Performance Analysis of Cooperative Multiple Unmanned Aerial Vehicles for Wildfire Surveillance Using Agent-Based Modeling. Sustainability, 2022, 14, 5927.	3.2	3
11	Robust and Least Complex Online Secondary Path Estimation in Broadband Feed-Forward Active Control of Impulsive Noise Using FxLMAT Family. IEEE Access, 2022, 10, 58667-58676.	4.2	1
12	Thermal Case Study of Cilia Actuated Transport of Radiated Blood-Based Ternary Nanofluid under the Action of Tilted Magnetic Field. Coatings, 2022, 12, 873.	2.6	12
13	Study of Neighborhood Degree-Based Topological Indices via Direct and NM-Polynomial of Starphene Graph. Journal of Function Spaces, 2022, 2022, 1-16.	0.9	1
14	Impact of green practices on consumersâ€™ sustainable purchase intentions: Humansâ€™ management adopting green strategies in Pakistan. Human Systems Management, 2021, 40, 339-351.	1.1	2
15	Addiction to smartphones leading to distraction in the classrooms: Effect of different cultures. Journal of Statistics and Management Systems, 2021, 24, 741-754.	0.6	5
16	Exploring drivers of luxury brand buying behavior : An empirical study. Journal of Statistics and Management Systems, 2021, 24, 715-727.	0.6	3
17	Analyzing the boron triangular nanotube through topological indices via <i>M</i>-polynomial. Journal of Discrete Mathematical Sciences and Cryptography, 2021, 24, 415-426.	0.8	9
18	Characteristic sets verses generalized characteristic sets. Journal of Discrete Mathematical Sciences and Cryptography, 2021, 24, 439-450.	0.8	0

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19	M-Polynomials and Degree-Based Topological Indices of the Molecule Copper(I) Oxide. Journal of Chemistry, 2021, 2021, 1-12.	1.9	11
20	On computation of M-polynomial and topological indices of starphene graph. Journal of Discrete Mathematical Sciences and Cryptography, 2021, 24, 401-414.	0.8	3
21	A study of newly defined degree-based topological indices via M-polynomial of Jahangir graph. Journal of Discrete Mathematical Sciences and Cryptography, 2021, 24, 427-438.	0.8	10
22	Multi-criteria decision making in robotic agri-farming with q-rung orthopair m-polar fuzzy sets. PLoS ONE, 2021, 16, e0246485.	2.5	27
23	Supervised ensemble learning methods towards automatically filtering Urdu fake news within social media. PeerJ Computer Science, 2021, 7, e425.	4.5	26
24	A future concern of iterative learning control : A survey. Journal of Statistics and Management Systems, 2021, 24, 1301-1322.	0.6	6
25	Design and Implementation of Novel LMI-Based Iterative Learning Robust Nonlinear Controller. Complexity, 2021, 2021, 1-13.	1.6	11
26	On Computation of Recently Defined Degree-Based Topological Indices of Some Families of Convex Polytopes via M-Polynomial. Complexity, 2021, 2021, 1-11.	1.6	3
27	Efficient Prediction of Missed Clinical Appointment Using Machine Learning. Computational and Mathematical Methods in Medicine, 2021, 2021, 1-10.	1.3	4
28	On topological aspects of silicate network using M-polynomial. Journal of Discrete Mathematical Sciences and Cryptography, 2021, 24, 2109-2119.	0.8	0
29	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.	0.8	20
30	M-polynomials and degree-based topological indices of tadpole graph. Journal of Discrete Mathematical Sciences and Cryptography, 2021, 24, 2059-2072.	0.8	22
31	An Accelerated Error Convergence Design Criterion and Implementation of Lebesgue-p Norm ILC Control Topology for Linear Position Control Systems. Mathematical Problems in Engineering, 2021, 2021, 1-12.	1.1	11
32	A comparative analysis of consensus protocols for dealing power theft issue in Pakistan. Journal of Information and Optimization Sciences, 2021, 42, 1523-1540.	0.3	1
33	An Absolutely New Attempt to Vague Soft Bitopological Spaces Basis at Newly Defined Operations regarding Vague Soft Points. Mathematical Problems in Engineering, 2021, 2021, 1-11.	1.1	0
34	Right zero divisor graph of 2×2 matrices over Z_3. Journal of Information and Optimization Sciences, 2020, 41, 1803-1810.	0.3	4
35	A study of right zero divisor graph of 3×3 matrices over $\mathbb{Z}_2$. Journal of Information and Optimization Sciences, 2020, 41, 1811-1816.	0.3	4
36	TOPSIS, VIKOR and aggregation operators based on q-rung orthopair fuzzy soft sets and their applications. Journal of Intelligent and Fuzzy Systems, 2020, 39, 6903-6917.	1.4	23

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37	Some New Bounds of Weighted Graph Entropies with GA and Gaurava Indices Edge Weights. Mathematical Problems in Engineering, 2020, 2020, 1-9.	1.1	0
38	Novel MCGDM with q-rung orthopair fuzzy soft sets and TOPSIS approach under q-Rung orthopair fuzzy soft topology. Journal of Intelligent and Fuzzy Systems, 2020, 39, 3853-3871.	1.4	22
39	Pythagorean m-polar fuzzy topology with TOPSIS approach in exploring most effectual method for curing from COVID-19. International Journal of Biomathematics, 2020, 13, 2050075.	2.9	16
40	Multi-criteria group decision making with Pythagorean fuzzy soft topology. Journal of Intelligent and Fuzzy Systems, 2020, 39, 6703-6720.	1.4	11
41	Some new topological indices of silicate network via M-polynomial. Journal of Discrete Mathematical Sciences and Cryptography, 2020, 23, 1157-1171.	0.8	22
42	M-Polynomial and topological indices of book graph. Journal of Discrete Mathematical Sciences and Cryptography, 2020, 23, 1217-1237.	0.8	16
43	Study of some connectivity index of subdivided mk graphs of ladder and triangular ladder graph. Journal of Discrete Mathematical Sciences and Cryptography, 2020, 23, 1279-1296.	0.8	1
44	A similarity measure under Pythagorean fuzzy soft environment with applications. Computational and Applied Mathematics, 2020, 39, 1.	2.2	34
45	Some Bounds of Weighted Entropies with Augmented Zagreb Index Edge Weights. Discrete Dynamics in Nature and Society, 2020, 2020, 1-12.	0.9	0
46	Algorithm for computing differential char sets efficiently. Journal of Discrete Mathematical Sciences and Cryptography, 2020, 23, 1203-1216.	0.8	4
47	Fuzzy neutrosophic soft f-algebra and fuzzy neutrosophic soft measure with applications. Journal of Intelligent and Fuzzy Systems, 2020, 39, 277-287.	1.4	8
48	On the left zero divisor graph of 3 Ã— 3 matrices over â„$_2$. Journal of Information and Optimization Sciences, 2020, 41, 1043-1060.	0.3	4
49	M-polynomial and topological indices Poly (EThyleneAmidoAmine) dendrimers. Journal of Information and Optimization Sciences, 2020, 41, 1117-1131.	0.3	27
50	Effects of velocity second slip model and induced magnetic field on peristaltic transport of non-Newtonian fluid in the presence of double-diffusivity convection in nanofluids. Archive of Applied Mechanics, 2020, 90, 1583-1603.	2.2	42
51	Disaster Mitigation in Urban Pakistan Using Agent Based Modeling with GIS. ISPRS International Journal of Geo-Information, 2020, 9, 203.	2.9	6
52	Some new degree based topological indices via M-polynomial. Journal of Information and Optimization Sciences, 2020, 41, 1061-1076.	0.3	25
53	An exact formulas for the Wiener polarity index of nanostar dendrimers. Journal of Information and Optimization Sciences, 2020, 41, 933-939.	0.3	26
54	Impact of Velocity Second Slip and Inclined Magnetic Field on Peristaltic Flow Coating with Jeffrey Fluid in Tapered Channel. Coatings, 2020, 10, 30.	2.6	16

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55	M-polynomial and topological indices of zigzag edge coronoid fused by starphene. Open Chemistry, 2020, 18, 1362-1369.	1.9	19
56	Weighted entropy of penta chains graph. Eurasian Chemical Communications, 2020, 2, 652-662.	0.9	13
57	Impact of nanofluids and magnetic field on the peristaltic transport of a couple stress fluid in an asymmetric channel with different wave forms. Thermal Science, 2020, 24, 1407-1422.	1.1	8
58	Pythagorean fuzzy soft MCGDM methods based on TOPSIS, VIKOR and aggregation operators. Journal of Intelligent and Fuzzy Systems, 2019, 37, 6937-6957.	1.4	83
59	Effect of the Variable Viscosity on the Peristaltic Flow of Newtonian Fluid Coated withMagnetic Field: Application of Adomian Decomposition Method for Endoscope. Coatings, 2019, 9, 524.	2.6	12
60	Influence of metachronal wave on hyperbolic tangent fluid model with inclined magnetic field. International Journal of Geometric Methods in Modern Physics, 2019, 16, 1950139.	2.0	7
61	Pythagorean m-polar fuzzy sets and TOPSIS method for the selection of advertisement mode. Journal of Intelligent and Fuzzy Systems, 2019, 37, 8441-8458.	1.4	53
62	M-Polynomials and Topological Indices of Dominating David Derived Networks. Open Chemistry, 2018, 16, 201-213.	1.9	17
63	Total edge irregularity strength of accordion graphs. Journal of Combinatorial Optimization, 2017, 34, 534-544.	1.3	12
64	Unimodular ICIS, a classifier. Studia Scientiarum Mathematicarum Hungarica, 2017, 54, 332-361.	0.1	0
65	Some Applications of Generalized Char-Sets of Ordinary Differential Polynomial Sets. MATEC Web of Conferences, 2016, 77, 02007.	0.2	2
66	A Classiffier for Unimodular Isolated Complete Intersection Space Curve Singularities. Analele Stiintifice Ale Universitatii Ovidius Constanta, Seria Matematica, 2016, 24, 95-119.	0.3	0
67	A study of non-commutative Von-Neumann regular rings. Journal of Information and Optimization Sciences, 0, , 1-12.	0.3	1
68	On computation of latest topological descriptors of some cactus chains graphs via M-polynomial. Journal of Information and Optimization Sciences, 0, , 1-10.	0.3	1
69	An improved fast error convergence topology for PDÎ±-type fractional-order ILC. Journal of Interdisciplinary Mathematics, 0, , 1-15.	0.7	11