

Farkhanda Afzal

List of Publications by Year in descending order

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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	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
2	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
3	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
4	A similarity measure under Pythagorean fuzzy soft environment with applications. Computational and Applied Mathematics, 2020, 39, 1.	2.2	34
5	M-polynomial and topological indices Poly (EThyleneAmidoAmine) dendrimers. Journal of Information and Optimization Sciences, 2020, 41, 1117-1131.	0.3	27
6	Multi-criteria decision making in robotic agri-farming with q-rung orthopair m-polar fuzzy sets. PLoS ONE, 2021, 16, e0246485.	2.5	27
7	An exact formulas for the Wiener polarity index of nanostar dendrimers. Journal of Information and Optimization Sciences, 2020, 41, 933-939.	0.3	26
8	Supervised ensemble learning methods towards automatically filtering Urdu fake news within social media. PeerJ Computer Science, 2021, 7, e425.	4.5	26
9	Some new degree based topological indices via M-polynomial. Journal of Information and Optimization Sciences, 2020, 41, 1061-1076.	0.3	25
10	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
11	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
12	Some new topological indices of silicate network via M-polynomial. Journal of Discrete Mathematical Sciences and Cryptography, 2020, 23, 1157-1171.	0.8	22
13	M-polynomials and degree-based topological indices of tadpole graph. Journal of Discrete Mathematical Sciences and Cryptography, 2021, 24, 2059-2072.	0.8	22
14	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
15	M-polynomial and topological indices of zigzag edge coronoid fused by starphene. Open Chemistry, 2020, 18, 1362-1369.	1.9	19
16	M-Polynomials and Topological Indices of Dominating David Derived Networks. Open Chemistry, 2018, 16, 201-213.	1.9	17
17	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
18	M-Polynomial and topological indices of book graph. Journal of Discrete Mathematical Sciences and Cryptography, 2020, 23, 1217-1237.	0.8	16

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19	Impact of Velocity Second Slip and Inclined Magnetic Field on Peristaltic Flow Coating with Jeffrey Fluid in Tapered Channel. <i>Coatings</i> , 2020, 10, 30.	2.6	16
20	Weighted entropy of penta chains graph. <i>Eurasian Chemical Communications</i> , 2020, 2, 652-662.	0.9	13
21	Total edge irregularity strength of accordion graphs. <i>Journal of Combinatorial Optimization</i> , 2017, 34, 534-544.	1.3	12
22	Effect of the Variable Viscosity on the Peristaltic Flow of Newtonian Fluid Coated with Magnetic Field: Application of Adomian Decomposition Method for Endoscope. <i>Coatings</i> , 2019, 9, 524.	2.6	12
23	Modelling uncertainties with TOPSIS and GRA based on q-rung orthopair bipolar fuzzy soft information in COVID-19. <i>Expert Systems</i> , 2022, 39, .	4.5	12
24	Thermal Case Study of Cilia Actuated Transport of Radiated Blood-Based Ternary Nanofluid under the Action of Tilted Magnetic Field. <i>Coatings</i> , 2022, 12, 873.	2.6	12
25	Multi-criteria group decision making with Pythagorean fuzzy soft topology. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020, 39, 6703-6720.	1.4	11
26	M-Polynomials and Degree-Based Topological Indices of the Molecule Copper(I) Oxide. <i>Journal of Chemistry</i> , 2021, 2021, 1-12.	1.9	11
27	Design and Implementation of Novel LMI-Based Iterative Learning Robust Nonlinear Controller. <i>Complexity</i> , 2021, 2021, 1-13.	1.6	11
28	An improved fast error convergence topology for PD \pm -type fractional-order ILC. <i>Journal of Interdisciplinary Mathematics</i> , 0, , 1-15.	0.7	11
29	An Accelerated Error Convergence Design Criterion and Implementation of Lebesgue-p Norm ILC Control Topology for Linear Position Control Systems. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-12.	1.1	11
30	A study of newly defined degree-based topological indices via M-polynomial of Jahangir graph. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2021, 24, 427-438.	0.8	10
31	Analyzing the boron triangular nanotube through topological indices via M -polynomial. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2021, 24, 415-426.	0.8	9
32	Fuzzy neutrosophic soft \mathcal{I} -algebra and fuzzy neutrosophic soft measure with applications. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020, 39, 277-287.	1.4	8
33	Impact of nanofluids and magnetic field on the peristaltic transport of a couple stress fluid in an asymmetric channel with different wave forms. <i>Thermal Science</i> , 2020, 24, 1407-1422.	1.1	8
34	Influence of metachronal wave on hyperbolic tangent fluid model with inclined magnetic field. <i>International Journal of Geometric Methods in Modern Physics</i> , 2019, 16, 1950139.	2.0	7
35	Disaster Mitigation in Urban Pakistan Using Agent Based Modeling with GIS. <i>ISPRS International Journal of Geo-Information</i> , 2020, 9, 203.	2.9	6
36	A future concern of iterative learning control : A survey. <i>Journal of Statistics and Management Systems</i> , 2021, 24, 1301-1322.	0.6	6

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37	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
38	Right zero divisor graph of $2\tilde{A}-2$ matrices over $\langle i \rangle Z \langle i \rangle_{\langle sub \rangle 3 \langle /sub \rangle}$. Journal of Information and Optimization Sciences, 2020, 41, 1803-1810.	0.3	4
39	A study of right zero divisor graph of $3\tilde{A}-3$ matrices over $\hat{a}, \langle sub \rangle 2 \langle /sub \rangle$. Journal of Information and Optimization Sciences, 2020, 41, 1811-1816.	0.3	4
40	Algorithm for computing differential char sets efficiently. Journal of Discrete Mathematical Sciences and Cryptography, 2020, 23, 1203-1216.	0.8	4
41	On the left zero divisor graph of $3\tilde{A}-3$ matrices over $\hat{a}, 2$. Journal of Information and Optimization Sciences, 2020, 41, 1043-1060.	0.3	4
42	Efficient Prediction of Missed Clinical Appointment Using Machine Learning. Computational and Mathematical Methods in Medicine, 2021, 2021, 1-10.	1.3	4
43	Multicriteria Decision-Making Methods Using Bipolar Neutrosophic Hamacher Geometric Aggregation Operators. Journal of Function Spaces, 2022, 2022, 1-13.	0.9	4
44	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
45	Exploring drivers of luxury brand buying behavior : An empirical study. Journal of Statistics and Management Systems, 2021, 24, 715-727.	0.6	3
46	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
47	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
48	Investigation on Boron Alpha Nanotube by Studying Their M-Polynomial and Topological Indices. Journal of Mathematics, 2022, 2022, 1-7.	1.0	3
49	System-Level Performance Analysis of Cooperative Multiple Unmanned Aerial Vehicles for Wildfire Surveillance Using Agent-Based Modeling. Sustainability, 2022, 14, 5927.	3.2	3
50	Some Applications of Generalized Char-Sets of Ordinary Differential Polynomial Sets. MATEC Web of Conferences, 2016, 77, 02007.	0.2	2
51	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
52	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
53	Neutrosophic Soft Quad Structures Concerning Neutrosophic Soft Points. Mathematical Problems in Engineering, 2022, 2022, 1-12.	1.1	2
54	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

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55	A study of non-commutative Von-Neumann regular rings. Journal of Information and Optimization Sciences, 0, , 1-12.	0.3	1
56	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
57	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
58	Topological Properties of Degree-Based Invariants via M-Polynomial Approach. Journal of Mathematics, 2022, 2022, 1-8.	1.0	1
59	Characterization of Bipolar Vague Soft S -Open Sets. Journal of Function Spaces, 2022, 2022, 1-13.	0.9	1
60	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
61	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
62	A Classifier for Unimodular Isolated Complete Intersection Space Curve Singularities. Analele Stiintifice Ale Universitatii Ovidius Constanta, Seria Matematica, 2016, 24, 95-119.	0.3	0
63	Unimodular ICIS, a classifier. Studia Scientiarum Mathematicarum Hungarica, 2017, 54, 332-361.	0.1	0
64	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
65	Some Bounds of Weighted Entropies with Augmented Zagreb Index Edge Weights. Discrete Dynamics in Nature and Society, 2020, 2020, 1-12.	0.9	0
66	Characteristic sets verses generalized characteristic sets. Journal of Discrete Mathematical Sciences and Cryptography, 2021, 24, 439-450.	0.8	0
67	On topological aspects of silicate network using M-polynomial. Journal of Discrete Mathematical Sciences and Cryptography, 2021, 24, 2109-2119.	0.8	0
68	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
69	New Degree-Based Topological Indices of Toroidal Polyhex Graph by Means of M-Polynomial. Journal of Mathematics, 2022, 2022, 1-5.	1.0	0