

Kifayat Ullah Khan

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

82

papers

1,286

citations

20

h-index

34

g-index

85

ext. papers

1,909

ext. citations

2.3

avg, IF

5.72

L-index

#	Paper	IF	Citations
82	Confidence levels under complex q-rung orthopair fuzzy aggregation operators and their applications. <i>Journal of Intelligent and Fuzzy Systems</i> , 2022 , 1-23	1.6	1
81	Performance Evaluation of Solar Energy Cells Using the Interval-Valued T-Spherical Fuzzy Bonferroni Mean Operators. <i>Energies</i> , 2022 , 15, 292	3.1	12
80	Critical Review on Robust Speed Control Techniques for Permanent Magnet Synchronous Motor (PMSM) Speed Regulation. <i>Energies</i> , 2022 , 15, 1235	3.1	6
79	Complex pythagorean fuzzy aggregation operators based on confidence levels and their applications.. <i>Mathematical Biosciences and Engineering</i> , 2022 , 19, 1078-1107	2.1	5
78	Aczel-Alsina Aggregation Operators on T-Spherical Fuzzy (TSF) Information With Application to TSF Multi-Attribute Decision Making. <i>IEEE Access</i> , 2022 , 10, 26011-26023	3.5	11
77	An Efficient Iterative Procedure for Proximally Quasi-Nonexpansive Mappings and a Class of Boundary Value Problems. <i>Axioms</i> , 2022 , 11, 90	1.6	
76	Similarity Measures Based on T-Spherical Fuzzy Information with Applications to Pattern Recognition and Decision Making. <i>Symmetry</i> , 2022 , 14, 410	2.7	3
75	Waste Clothing Recycling Channel Selection Using a CoCoSo-D Method Based on Sine Trigonometric Interaction Operational Laws with Pythagorean Fuzzy Information. <i>Energies</i> , 2022 , 15, 2010	3.1	4
74	Some Iterative Approximation Results of F Iteration Process in Banach Spaces. <i>Axioms</i> , 2022 , 11, 153	1.6	
73	Approach to Multiattribute Decision-Making Problems Based on Neutrality Aggregation Operators of Picture Fuzzy Information. <i>Journal of Function Spaces</i> , 2022 , 2022, 1-16	0.8	0
72	Numerical reckoning fixed points via new faster iteration process. <i>Applied General Topology</i> , 2022 , 23, 213-223	0.8	
71	Assessment of the Business Proposals Using Frank Aggregation Operators Based on Interval-Valued T-Spherical Fuzzy Information. <i>Journal of Function Spaces</i> , 2022 , 2022, 1-24	0.8	0
70	Approximation of Fixed Points for Enriched Suzuki Nonexpansive Operators with an Application in Hilbert Spaces. <i>Axioms</i> , 2022 , 11, 14	1.6	3
69	Complex q-rung orthopair fuzzy competition graphs and their applications. <i>Electronic Research Archive</i> , 2022 , 30, 1558-1605	1.9	1
68	Novel Aczel-Alsina Operators for Pythagorean Fuzzy Sets with Application in Multi-Attribute Decision Making. <i>Symmetry</i> , 2022 , 14, 940	2.7	8
67	Enhancing Digital Innovation for the Sustainable Transformation of Manufacturing Industry: A Pressure-State-Response System Framework to Perceptions of Digital Green Innovation and Its Performance for Green and Intelligent Manufacturing. <i>Systems</i> , 2022 , 10, 72	3	20
66	An Approach for the Analysis of Energy Resource Selection Based on Attributes by Using Dombi T-Norm Based Aggregation Operators. <i>Energies</i> , 2022 , 15, 3939	3.1	2

65	Fault Tolerant DHT-Based Routing in MANET. <i>Sensors</i> , 2022 , 22, 4280	3.8	1
64	A Multi-attribute Decision Making Method for the Evaluation of Software Enterprise Based on T-Spherical Fuzzy Dombi Aggregation Information. <i>Lecture Notes in Networks and Systems</i> , 2022 , 714-722 ^{0.5}		
63	A method to solve strategy based decision making problems with logarithmic T-spherical fuzzy aggregation framework. <i>Journal of Intelligent and Fuzzy Systems</i> , 2021 , 1-19	1.6	1
62	Picture Hesitant Fuzzy Clustering Based on Generalized Picture Hesitant Fuzzy Distance Measures. <i>Knowledge</i> , 2021 , 1, 40-51		0
61	Picture Fuzzy Maclaurin Symmetric Mean Operators and Their Applications in Solving Multiattribute Decision-Making Problems. <i>Mathematical Problems in Engineering</i> , 2021 , 2021, 1-13	1.1	24
60	Power Aggregation Operators Based on t-Norm and t-Conorm under the Complex Intuitionistic Fuzzy Soft Settings and Their Application in Multi-Attribute Decision Making. <i>Symmetry</i> , 2021 , 13, 1986	2.7	0
59	Graphical Structures of Cubic Intuitionistic Fuzzy Information. <i>Journal of Mathematics</i> , 2021 , 2021, 1-21	1.2	0
58	Applications of improved spherical fuzzy Dombi aggregation operators in decision support system. <i>Soft Computing</i> , 2021 , 25, 9097-9119	3.5	11
57	Fixed-Point Convergence Results of a Three-Step Iterative Process in CAT(0) Spaces. <i>Mathematical Problems in Engineering</i> , 2021 , 2021, 1-8	1.1	
56	Interval Valued T-Spherical Fuzzy Information Aggregation Based on Dombi t-Norm and Dombi t-Conorm for Multi-Attribute Decision Making Problems. <i>Symmetry</i> , 2021 , 13, 1053	2.7	12
55	Fixed Point Approximation for a Class of Generalized Nonexpansive Mappings in Hadamard Spaces. <i>Advances in Mathematical Physics</i> , 2021 , 2021, 1-8	1.1	
54	Approximation of Fixed Points for Mean Nonexpansive Mappings in Banach Spaces. <i>Journal of Function Spaces</i> , 2021 , 2021, 1-6	0.8	
53	Iterative Approximation of Fixed Points by Using F Iteration Process in Banach Spaces. <i>Journal of Function Spaces</i> , 2021 , 2021, 1-7	0.8	1
52	Einstein Geometric Aggregation Operators using a Novel Complex Interval-valued Pythagorean Fuzzy Setting with Application in Green Supplier Chain Management. <i>Reports in Mechanical Engineering</i> , 2021 , 2, 105-134	9.3	71
51	Approach to Multi-Attribute Decision-Making Methods for Performance Evaluation Process Using Interval-Valued T-Spherical Fuzzy Hamacher Aggregation Information. <i>Axioms</i> , 2021 , 10, 145	1.6	4
50	On the JK Iterative Process in Banach Spaces. <i>Journal of Function Spaces</i> , 2021 , 2021, 1-8	0.8	1
49	Methods for multi-attribute decision making, pattern recognition and clustering based on T-spherical fuzzy information measures. <i>Journal of Intelligent and Fuzzy Systems</i> , 2021 , 1-21	1.6	5
48	Fixed Point Results on Multi-Valued Generalized (H) Nonexpansive Mappings in Banach Spaces. <i>Algorithms</i> , 2021 , 14, 223	1.8	0

47	HOVA-FPPM: Flexible Periodic Pattern Mining in Time Series Databases Using Hashed Occurrence Vectors and Apriori Approach. <i>Scientific Programming</i> , 2021 , 2021, 1-14	1.4	2
46	T-spherical fuzzy power aggregation operators and their applications in multi-attribute decision making. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2021 , 12, 1-14	3.7	26
45	A New Iterative Method for Suzuki Mappings in Banach Spaces. <i>Journal of Mathematics</i> , 2021 , 2021, 1-7	1.2	4
44	Some Convergence Results for a Class of Generalized Nonexpansive Mappings in Banach Spaces. <i>Advances in Mathematical Physics</i> , 2021 , 2021, 1-6	1.1	1
43	Iterative Construction of Fixed Points for Operators Endowed with Condition E in Metric Spaces. <i>Advances in Mathematical Physics</i> , 2021 , 2021, 1-8	1.1	
42	Investigating the Short-Circuit Problem Using the Planarity Index of Complex q-Rung Orthopair Fuzzy Planar Graphs. <i>Complexity</i> , 2021 , 2021, 1-22	1.6	3
41	Social Network Group Decision-Making Method Based on Q-Rung Orthopair Fuzzy Set and Its Application in the Evaluation of Online Teaching Quality. <i>Axioms</i> , 2021 , 10, 168	1.6	7
40	Approximating Fixed Points Using a Faster Iterative Method and Application to Split Feasibility Problems. <i>Computation</i> , 2021 , 9, 90	2.2	1
39	Linear Diophantine Uncertain Linguistic Power Einstein Aggregation Operators and Their Applications to Multiattribute Decision Making. <i>Complexity</i> , 2021 , 2021, 1-25	1.6	0
38	Connectivity Indices of Intuitionistic Fuzzy Graphs and Their Applications in Internet Routing and Transport Network Flow. <i>Mathematical Problems in Engineering</i> , 2021 , 2021, 1-16	1.1	3
37	Trends on Extension and Applications of Neutrosophic Graphs to Robots. <i>Studies in Systems, Decision and Control</i> , 2021 , 277-308	0.8	
36	An Approach Towards Decision-Making and Shortest Path Problems Based on T-Spherical Fuzzy Information. <i>International Journal of Fuzzy Systems</i> , 2020 , 22, 1521-1534	3.6	13
35	T-Spherical Fuzzy Einstein Hybrid Aggregation Operators and Their Applications in Multi-Attribute Decision Making Problems. <i>Symmetry</i> , 2020 , 12, 365	2.7	45
34	On Generalized Nonexpansive Maps in Banach Spaces. <i>Computation</i> , 2020 , 8, 61	2.2	6
33	Evaluation of the Performance of Search and Rescue Robots Using T-spherical Fuzzy Hamacher Aggregation Operators. <i>International Journal of Fuzzy Systems</i> , 2020 , 22, 570-582	3.6	54
32	Analysis of social networks and Wi-Fi networks by using the concept of picture fuzzy graphs. <i>Soft Computing</i> , 2020 , 24, 16551-16563	3.5	9
31	An Intelligent and Robust Framework towards Anomaly Detection, Medical Diagnosis, and Shortest Path Problems Based on Interval-Valued T-Spherical Fuzzy Information. <i>Mathematical Problems in Engineering</i> , 2020 , 2020, 1-23	1.1	3
30	Some New Results on a Three-Step Iteration Process. <i>Axioms</i> , 2020 , 9, 110	1.6	2

29	On some distance measures of complex Pythagorean fuzzy sets and their applications in pattern recognition. <i>Complex & Intelligent Systems</i> , 2020 , 6, 15-27	7.1	111
28	Correlation coefficients for T-spherical fuzzy sets and their applications in clustering and multi-attribute decision making. <i>Soft Computing</i> , 2020 , 24, 1647-1659	3.5	87
27	Multi-Attribute Multi-Perception Decision-Making Based on Generalized T-Spherical Fuzzy Weighted Aggregation Operators on Neutrosophic Sets. <i>Mathematics</i> , 2019 , 7, 780	2.3	35
26	Intuitionistic fuzzy graphs of nth type with applications. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019 , 36, 3923-3932	1.6	22
25	Evaluation of Investment Policy Based on Multi-Attribute Decision-Making Using Interval Valued T-Spherical Fuzzy Aggregation Operators. <i>Symmetry</i> , 2019 , 11, 357	2.7	60
24	An approach toward decision-making and medical diagnosis problems using the concept of spherical fuzzy sets. <i>Neural Computing and Applications</i> , 2019 , 31, 7041-7053	4.8	234
23	Cubic bipolar fuzzy graphs with applications. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019 , 37, 2289-2307	1.6	6
22	An approach towards decision making and shortest path problems using the concepts of interval-valued Pythagorean fuzzy information. <i>International Journal of Intelligent Systems</i> , 2019 , 34, 2403-2428	8.4	12
21	Analysis of Social Networks, Communication Networks and Shortest Path Problems in the Environment of Interval-Valued q-Rung Ortho Pair Fuzzy Graphs. <i>International Journal of Fuzzy Systems</i> , 2019 , 21, 1687-1708	3.6	9
20	A beaconing-based roadside services discovery protocol for vehicular ad hoc networks. <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , 2019 , 27, 2036-2051	0.9	1
19	Some Similarity Measures for Interval-Valued Picture Fuzzy Sets and Their Applications in Decision Making. <i>Information (Switzerland)</i> , 2019 , 10, 369	2.6	20
18	Multiple attribute decision making method under linguistic cubic information. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019 , 36, 253-269	1.6	9
17	Some Root Level Modifications in Interval Valued Fuzzy Graphs and Their Generalizations Including Neutrosophic Graphs. <i>Mathematics</i> , 2019 , 7, 72	2.3	21
16	A review of retinal blood vessels extraction techniques: challenges, taxonomy, and future trends. <i>Pattern Analysis and Applications</i> , 2019 , 22, 767-802	2.3	33
15	Similarity Measures for T-Spherical Fuzzy Sets with Applications in Pattern Recognition. <i>Symmetry</i> , 2018 , 10, 193	2.7	72
14	Numerical reckoning fixed points for Suzuki's generalized nonexpansive mappings via new iteration process. <i>Filomat</i> , 2018 , 32, 187-196	0.7	35
13	Bipolar Neutrosophic Minimum Spanning Tree. <i>SSRN Electronic Journal</i> , 2018 ,	1	20
12	Algorithm for T-Spherical Fuzzy Multi-Attribute Decision Making Based on Improved Interactive Aggregation Operators. <i>Symmetry</i> , 2018 , 10, 670	2.7	64

11	Some Interval Neutrosophic Dombi Power Bonferroni Mean Operators and Their Application in Multi-Attribute Decision Making. <i>Symmetry</i> , 2018 , 10, 459	2.7	22
10	On different results for new three step iteration process in Banach spaces. <i>SpringerPlus</i> , 2016 , 5, 1616		5
9	ARS: Anonymous reputation system for vehicular ad hoc networks 2016 ,		7
8	A secure commercial ads dissemination scheme for vehicular networks 2016 ,		1
7	Extended Abstract: File Transfer in Vehicular Ad-Hoc Networks 2013 ,		1
6	An Experimental Study on the Behavior of Received Signal Strength in Indoor Environment 2013 ,		3
5	Efficient Image Retrieval Based on Quantized Histogram Texture Features in DCT Domain 2011 ,		1
4	TOPSIS Method and Similarity Measures Based on Cosine Function Using Picture Hesitant Fuzzy Sets and its Applications to Strategic Decision Making. <i>Fuzzy Information and Engineering</i> ,1-23	0.5	1
3	Analysis of double domination by using the concept of spherical fuzzy information with application. <i>Journal of Ambient Intelligence and Humanized Computing</i> ,1	3.7	4
2	Frank aggregation operators and analytic hierarchy process based on interval-valued picture fuzzy sets and their applications. <i>International Journal of Intelligent Systems</i> ,	8.4	4
1	Methods for Detecting Covid-19 Patients Using Interval-Valued T-Spherical Fuzzy Relations and Information Measures. <i>International Journal of Information Technology and Decision Making</i> ,1-28	2.8	0