

Tahir Mahmood

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.

185
papers

3,395
citations

33
h-index

51
g-index

200
ext. papers

4,624
ext. citations

2.9
avg, IF

6.93
L-index

#	Paper	IF	Citations
185	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
184	On Enhanced GLM-Based Monitoring: An Application to Additive Manufacturing Process. <i>Symmetry</i> , 2022 , 14, 122	2.7	4
183	A method to multi-attribute decision making problems by using heronian mean operators based on linear diophantine uncertain linguistic settings. <i>Journal of Intelligent and Fuzzy Systems</i> , 2022 , 1-29	1.6	
182	A method to multi-attribute decision making technique based on Dombi aggregation operators under bipolar complex fuzzy information. <i>Computational and Applied Mathematics</i> , 2022 , 41, 1	2.4	6
181	Analysis of medical diagnosis based on variation co-efficient similarity measures under picture hesitant fuzzy sets and their application.. <i>Mathematical Biosciences and Engineering</i> , 2022 , 19, 855-872	2.1	1
180	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
179	Spherical Fuzzy Soft Rough Average Aggregation Operators and Their Applications to Multi-Criteria Decision Making. <i>IEEE Access</i> , 2022 , 10, 27832-27852	3.5	2
178	Power Bonferroni mean operators under complex pythagorean fuzzy settings and their applications in decision-making problems. <i>Journal of Intelligent and Fuzzy Systems</i> , 2022 , 1-19	1.6	
177	Complex Interval-Valued q-Rung Orthopair Fuzzy Hamy Mean Operators and Their Application in Decision-Making Strategy. <i>Symmetry</i> , 2022 , 14, 592	2.7	1
176	Bipolar Complex Fuzzy Soft Sets and Their Applications in Decision-Making. <i>Mathematics</i> , 2022 , 10, 10482.3		5
175	Analysis and Applications of Bonferroni Mean Operators and TOPSIS Method in Complete Cubic Intuitionistic Complex Fuzzy Information Systems. <i>Symmetry</i> , 2022 , 14, 533	2.7	0
174	Bipolar Complex Fuzzy Hamacher Aggregation Operators and Their Applications in Multi-Attribute Decision Making. <i>Mathematics</i> , 2022 , 10, 23	2.3	6
173	Power Muirhead Mean Operators for Interval-Valued Linear Diophantine Fuzzy Sets and Their Application in Decision-Making Strategies. <i>Mathematics</i> , 2022 , 10, 70	2.3	0
172	Some Dombi aggregation operators based on complex q-rung orthopair fuzzy sets and their application to multi-attribute decision making. <i>Computational and Applied Mathematics</i> , 2022 , 41, 1	2.4	1
171	Complex q-rung orthopair fuzzy competition graphs and their applications. <i>Electronic Research Archive</i> , 2022 , 30, 1558-1605	1.9	1
170	An Advanced Study on the Bonferroni Mean Operators for Managing Cubic Intuitionistic Complex Fuzzy Soft Settings and Their Applications in Decision Making. <i>IEEE Access</i> , 2022 , 1-1	3.5	
169	Decision-making strategy based on Heronian mean operators for managing complex interval-valued intuitionistic uncertain linguistic settings and their applications. <i>AIMS Mathematics</i> , 2022 , 7, 13595-13632	2.2	0

168	Identification and Classification of Aggregation Operators Using Bipolar Complex Fuzzy Settings and Their Application in Decision Support Systems. <i>Mathematics</i> , 2022 , 10, 1726	2.3	5
167	On Reassessment of the HWMA Chart for Process Monitoring. <i>Processes</i> , 2022 , 10, 1129	2.9	2
166	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}		
165	Analyzing and controlling computer security threats based on complex q-rung orthopair fuzzy heronian mean operators. <i>Journal of Intelligent and Fuzzy Systems</i> , 2021 , 41, 6949-6981	1.6	1
164	Effect of meteorological factors on the COVID-19 cases: a case study related to three major cities of the Kingdom of Saudi Arabia. <i>Environmental Science and Pollution Research</i> , 2021 , 29, 21811	5.1	0
163	Novel Complex T-Spherical Fuzzy 2-Tuple Linguistic Muirhead Mean Aggregation Operators and Their Application to Multi-Attribute Decision-Making. <i>International Journal of Computational Intelligence Systems</i> , 2021 , 14, 295	3.4	9
162	Picture Hesitant Fuzzy Clustering Based on Generalized Picture Hesitant Fuzzy Distance Measures. <i>Knowledge</i> , 2021 , 1, 40-51		0
161	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
160	Application of Single-Valued Neutrosophic Power Maclaurin Symmetric Mean Operators in MADM. <i>Advances in Intelligent Systems and Computing</i> , 2021 , 328-354	0.4	
159	Heronian Mean Operators Based on Novel Complex Linear Diophantine Uncertain Linguistic Variables and Their Applications in Multi-Attribute Decision Making. <i>Mathematics</i> , 2021 , 9, 2730	2.3	4
158	Cubic q-Rung Orthopair Fuzzy Linguistic Set and Their Application to Multiattribute Decision-making with Muirhead Mean Operator 2021 , 1, 37-50		0
157	CHFS: Complex hesitant fuzzy sets-their applications to decision making with different and innovative distance measures. <i>CAAI Transactions on Intelligence Technology</i> , 2021 , 6, 93-122	9.7	6
156	Correlation Coefficient and Entropy Measures Based on Complex Dual Type-2 Hesitant Fuzzy Sets and Their Applications. <i>Journal of Mathematics</i> , 2021 , 2021, 1-34	1.2	1
155	The generalized linear model-based exponentially weighted moving average and cumulative sum charts for the monitoring of high-quality processes. <i>Applied Stochastic Models in Business and Industry</i> , 2021 , 37, 703-724	1.1	3
154	Some improved pythagorean fuzzy Dombi power aggregation operators with application in multiple-attribute decision making. <i>Journal of Intelligent and Fuzzy Systems</i> , 2021 , 40, 9237-9257	1.6	8
153	Some Similarity and Distance Measures between Complex Interval-Valued q-Rung Orthopair Fuzzy Sets Based on Cosine Function and their Applications. <i>Mathematical Problems in Engineering</i> , 2021 , 2021, 1-25	1.1	3
152	Some Generalized T-Spherical and Group-Generalized Fuzzy Geometric Aggregation Operators with Application in MADM Problems. <i>Journal of Mathematics</i> , 2021 , 2021, 1-17	1.2	5
151	A Novel Approach of Complex Dual Hesitant Fuzzy Sets and Their Applications in Pattern Recognition and Medical Diagnosis. <i>Journal of Mathematics</i> , 2021 , 2021, 1-31	1.2	5

150	On the multivariate progressive control chart for effective monitoring of covariance matrix. <i>Quality and Reliability Engineering International</i> , 2021 , 37, 2724-2737	2.6	5
149	Interval Valued T-Spherical Fuzzy Soft Average Aggregation Operators and Their Applications in Multiple-Criteria Decision Making. <i>Symmetry</i> , 2021 , 13, 829	2.7	5
148	A novel complex fuzzy N-soft sets and their decision-making algorithm. <i>Complex & Intelligent Systems</i> , 2021 , 7, 2255	7.1	8
147	Applications of improved spherical fuzzy Dombi aggregation operators in decision support system. <i>Soft Computing</i> , 2021 , 25, 9097-9119	3.5	11
146	Some Complex Intuitionistic Uncertain Linguistic Heronian Mean Operators and Their Application in Multiattribute Group Decision Making. <i>Journal of Mathematics</i> , 2021 , 2021, 1-31	1.2	2
145	Generalized MULTIMOORA method and Dombi prioritized weighted aggregation operators based on T-spherical fuzzy sets and their applications. <i>International Journal of Intelligent Systems</i> , 2021 , 36, 4659-4692	8.4	16
144	Complex q-rung orthopair fuzzy Schweizer-Klar Muirhead mean aggregation operators and their application in multi-criteria decision-making. <i>Journal of Intelligent and Fuzzy Systems</i> , 2021 , 40, 11287-11309	1.6	4
143	Three-Way Decisions Based on Q-Rung Orthopair Fuzzy 2-Tuple Linguistic Sets with Generalized Maclaurin Symmetric Mean Operators. <i>Mathematics</i> , 2021 , 9, 1387	2.3	5
142	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
141	Picture Fuzzy N-Soft Sets and Their Applications in Decision-Making Problems. <i>Fuzzy Information and Engineering</i> , 2021 , 13, 335-367	0.5	6
140	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
139	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
138	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
137	Contact lenses coated with hybrid multifunctional ternary nanocoatings (Phytomolecule-coated ZnO nanoparticles:Gallic Acid:Tobramycin) for the treatment of bacterial and fungal keratitis. <i>Acta Biomaterialia</i> , 2021 , 128, 262-276	10.8	11
136	Generalized complex q-rung orthopair fuzzy Einstein averaging aggregation operators and their application in multi-attribute decision making. <i>Complex & Intelligent Systems</i> , 2021 , 7, 511-538	7.1	7
135	Efficient monitoring of coefficient of variation with an application to chemical reactor process. <i>Quality and Reliability Engineering International</i> , 2021 , 37, 1135-1149	2.6	4
134	Entropy measure and TOPSIS method based on correlation coefficient using complex q-rung orthopair fuzzy information and its application to multi-attribute decision making. <i>Soft Computing</i> , 2021 , 25, 1249-1275	3.5	35
133	Group-based generalized q-rung orthopair average aggregation operators and their applications in multi-criteria decision making. <i>Complex & Intelligent Systems</i> , 2021 , 7, 123-144	7.1	3

132	Generalized dice similarity measures for complex q-Rung Orthopair fuzzy sets and its application. <i>Complex & Intelligent Systems</i> , 2021 , 7, 667-686	7.1	15
131	Algorithms for complex interval-valued q-rung orthopair fuzzy sets in decision making based on aggregation operators,AHP,andTOPSIS. <i>Expert Systems</i> , 2021 , 38,	2.1	26
130	Memory type control charts with inverse-Gaussian response: An application to yarn manufacturing industry. <i>Transactions of the Institute of Measurement and Control</i> , 2021 , 43, 656-678	1.8	10
129	Hybrid vector similarity measures based on complex hesitant fuzzy sets and their applications to pattern recognition and medical diagnosis. <i>Journal of Intelligent and Fuzzy Systems</i> , 2021 , 40, 625-646	1.6	14
128	Schweizer&klar Muirhead Mean Aggregation Operators Based on Pythagorean Fuzzy Sets and Their Application in Multi-criteria Decision-Making 2021 , 235-259		
127	Some Novel Cosine Similarity Measures Based on Complex Hesitant Fuzzy Sets and Their Applications. <i>Journal of Mathematics</i> , 2021 , 2021, 1-20	1.2	8
126	EDAS Method for Multi-Criteria Group Decision Making Based on Intuitionistic Fuzzy Rough Aggregation Operators. <i>IEEE Access</i> , 2021 , 9, 10199-10216	3.5	21
125	Flexible Monitoring Methods for High-yield Processes 2021 , 45-63		1
124	Some average aggregation operators based on spherical fuzzy soft sets and their applications in multi-criteria decision making. <i>AIMS Mathematics</i> , 2021 , 6, 7798-7832	2.2	5
123	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
122	Power Aggregation Operators and Similarity Measures Based on Improved Intuitionistic Hesitant Fuzzy Sets and their Applications to Multiple Attribute Decision Making. <i>CMES - Computer Modeling in Engineering and Sciences</i> , 2021 , 126, 1165-1187	1.7	10
121	Interdependency of Complex Fuzzy Neighborhood Operators and Derived Complex Fuzzy Coverings. <i>IEEE Access</i> , 2021 , 9, 73506-73521	3.5	4
120	Some Geometric Aggregation Operators Under q-Rung Orthopair Fuzzy Soft Information With Their Applications in Multi-Criteria Decision Making. <i>IEEE Access</i> , 2021 , 9, 31975-31993	3.5	9
119	Spherical Fuzzy Sets-Based Cosine Similarity and Information Measures for Pattern Recognition and Medical Diagnosis. <i>IEEE Access</i> , 2021 , 9, 25835-25842	3.5	9
118	Generalized Hamacher Aggregation Operators Based on Linear Diophantine Uncertain Linguistic Setting and Their Applications in Decision-Making Problems. <i>IEEE Access</i> , 2021 , 9, 126748-126764	3.5	3
117	A novel approach of complex q-rung orthopair fuzzy hamacher aggregation operators and their application for cleaner production assessment in gold mines. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2021 , 12, 8933-8959	3.7	6
116	Complex q-Rung Orthopair Uncertain Linguistic Partitioned Bonferroni Mean Operators with Application in Antivirus Mask Selection. <i>Symmetry</i> , 2021 , 13, 249	2.7	7
115	Interval-Valued Picture Uncertain Linguistic Generalized Hamacher Aggregation Operators and Their Application in Multiple Attribute Decision-Making Process. <i>Arabian Journal for Science and Engineering</i> , 2021 , 46, 10153-10170	2.5	6

114	GLM-Based Flexible Monitoring Methods: An Application to Real-Time Highway Safety Surveillance. <i>Symmetry</i> , 2021 , 13, 362	2.7	14
113	IQR CUSUM charts: An efficient approach for monitoring variations in aquatic toxicity. <i>Journal of Chemometrics</i> , 2021 , 35, e3336	1.6	6
112	Multi-criteria decision-making algorithm based on aggregation operators under the complex interval-valued q-rung orthopair uncertain linguistic information. <i>Journal of Intelligent and Fuzzy Systems</i> , 2021 , 41, 1627-1656	1.6	9
111	New Logarithmic Operational Laws-Based Complex q-Rung Orthopair Fuzzy Aggregation Operators and Their Application in Decision-Making Process. <i>Complexity</i> , 2021 , 2021, 1-32	1.6	2
110	Another View of Complex Intuitionistic Fuzzy Soft Sets Based on Prioritized Aggregation Operators and Their Applications to Multiattribute Decision Making. <i>Mathematics</i> , 2021 , 9, 1922	2.3	12
109	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
108	A Multi-MOORA decision making method based on muirhead mean operators and complex spherical fuzzy uncertain linguistic setting. <i>Journal of Intelligent and Fuzzy Systems</i> , 2021 , 1-26	1.6	0
107	Hamy Mean Operators Based on Complex q-Rung Orthopair Fuzzy Setting and Their Application in Multi-Attribute Decision Making. <i>Mathematics</i> , 2021 , 9, 2312	2.3	5
106	Multi-attribute group decision-making based on Bonferroni mean operators for picture hesitant fuzzy numbers. <i>Soft Computing</i> , 2021 , 25, 13315	3.5	4
105	Aggregation operators and VIKOR method based on complex q-rung orthopair uncertain linguistic informations and their applications in multi-attribute decision making. <i>Computational and Applied Mathematics</i> , 2020 , 39, 1	2.4	11
104	The distance measures and cross-entropy based on complex fuzzy sets and their application in decision making. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020 , 39, 3351-3374	1.6	22
103	Maclaurin symmetric mean operators and their applications in the environment of complex q-rung orthopair fuzzy sets. <i>Computational and Applied Mathematics</i> , 2020 , 39, 1	2.4	42
102	Decision making based on interval-valued complex single-valued neutrosophic hesitant fuzzy generalized hybrid weighted averaging operators. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020 , 38, 4359-4401	1.6	19
101	Some T-Spherical Fuzzy Einstein Interactive Aggregation Operators and Their Application to Selection of Photovoltaic Cells. <i>Mathematical Problems in Engineering</i> , 2020 , 2020, 1-16	1.1	16
100	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
99	Janowski Type q-Convex and q-Close-to-Convex Functions Associated with q-Conic Domain. <i>Mathematics</i> , 2020 , 8, 440	2.3	4
98	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
97	Generalized dice similarity measures for q-rung orthopair fuzzy sets with applications. <i>Complex & Intelligent Systems</i> , 2020 , 6, 545-558	7.1	14

96	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
95	q-Rung orthopair fuzzy soft average aggregation operators and their application in multicriteria decision-making. <i>International Journal of Intelligent Systems</i> , 2020 , 35, 571-599	8.4	43
94	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
93	Power Aggregation Operators and VIKOR Methods for Complex q-Rung Orthopair Fuzzy Sets and Their Applications. <i>Mathematics</i> , 2020 , 8, 538	2.3	50
92	Decision-Making Based on q-Rung Orthopair Fuzzy Soft Rough Sets. <i>Mathematical Problems in Engineering</i> , 2020 , 2020, 1-21	1.1	5
91	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
90	Complex q-Rung Orthopair Fuzzy Variation Co-efficient Similarity Measures and their Approach in Medical Diagnosis and Pattern Recognition. <i>Scientia Iranica</i> , 2020 , 0-0	1.5	4
89	Group Decision-Making Using Complex q-Rung Orthopair Fuzzy Bonferroni Mean. <i>International Journal of Computational Intelligence Systems</i> , 2020 , 13, 822	3.4	25
88	Psychosocial Barriers of Public Transport Use and Social Exclusion among Older Adults: Empirical Evidence from Lahore, Pakistan. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 18,	4.6	19
87	The pandemic paradox: domestic violence and happiness of women. <i>PeerJ</i> , 2020 , 8, e10472	3.1	11
86	Complex neutrosophic generalised dice similarity measures and their application to decision making. <i>CAAI Transactions on Intelligence Technology</i> , 2020 , 5, 78-87	9.7	30
85	Exponential and non-Exponential Based Generalized Similarity Measures for Complex Hesitant Fuzzy Sets with Applications. <i>Fuzzy Information and Engineering</i> , 2020 , 12, 38-70	0.5	8
84	Pythagorean fuzzy soft rough sets and their applications in decision-making. <i>Journal of Taibah University for Science</i> , 2020 , 14, 101-113	3	21
83	Complex q-Rung Orthopair Fuzzy Aggregation Operators and Their Applications in Multi-Attribute Group Decision Making. <i>Information (Switzerland)</i> , 2020 , 11, 5	2.6	59
82	TOPSIS Method Based on Complex Spherical Fuzzy Sets with Bonferroni Mean Operators. <i>Mathematics</i> , 2020 , 8, 1739	2.3	50
81	Cubic q-Rung Orthopair Fuzzy Heronian Mean Operators and Their Applications to Multi-Attribute Group Decision Making. <i>Mathematics</i> , 2020 , 8, 1125	2.3	15
80	Jaccard and Dice Similarity Measures Based on Novel Complex Dual Hesitant Fuzzy Sets and Their Applications. <i>Mathematical Problems in Engineering</i> , 2020 , 2020, 1-25	1.1	15
79	A Novel Approach towards Bipolar Soft Sets and Their Applications. <i>Journal of Mathematics</i> , 2020 , 2020, 1-11	1.2	79

78	Multi-valued picture fuzzy soft sets and their applications in group decision-making problems. <i>Soft Computing</i> , 2020 , 24, 18857-18879	3.5	9
77	Current perspective on diagnosis, epidemiological assessment, prevention strategies, and potential therapeutic interventions for severe acute respiratory infections caused by 2019 novel coronavirus (SARS-CoV-2). <i>Human Vaccines and Immunotherapeutics</i> , 2020 , 16, 3001-3010	4.4	5
76	Complex T-Spherical Fuzzy Aggregation Operators with Application to Multi-Attribute Decision Making. <i>Symmetry</i> , 2020 , 12, 1311	2.7	53
75	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
74	Group decision making based on power Heronian aggregation operators under neutrosophic cubic environment. <i>Soft Computing</i> , 2020 , 24, 1971-1997	3.5	13
73	Spherical fuzzy Dombi aggregation operators and their application in group decision making problems. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2020 , 11, 2731-2749	3.7	72
72	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
71	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
70	MADM Based on Generalized Interval Neutrosophic Schweizer-Sklar Prioritized Aggregation Operators. <i>Symmetry</i> , 2019 , 11, 1187	2.7	2
69	Cleaner Production Evaluation in Gold Mines Using Novel Distance Measure Method with Cubic Picture Fuzzy Numbers. <i>International Journal of Fuzzy Systems</i> , 2019 , 21, 2448-2461	3.6	36
68	T-Spherical Fuzzy Power Muirhead Mean Operator Based on Novel Operational Laws and Their Application in Multi-Attribute Group Decision Making. <i>IEEE Access</i> , 2019 , 7, 22613-22632	3.5	61
67	A New Subclass of Analytic Functions Defined by Using Salagean q-Differential Operator. <i>Mathematics</i> , 2019 , 7, 458	2.3	11
66	The cosine similarity measures of spherical fuzzy sets and their applications in decision making. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019 , 36, 6059-6073	1.6	65
65	Intuitionistic fuzzy graphs of nth type with applications. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019 , 36, 3923-3932	1.6	22
64	Covering-Based Spherical Fuzzy Rough Set Model Hybrid with TOPSIS for Multi-Attribute Decision-Making. <i>Symmetry</i> , 2019 , 11, 547	2.7	61
63	Rough Pythagorean fuzzy ideals in semigroups. <i>Computational and Applied Mathematics</i> , 2019 , 38, 1	2.4	22
62	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
61	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

60	Different Approaches to Multi-Criteria Group Decision Making Problems for Picture Fuzzy Environment. <i>Bulletin of the Brazilian Mathematical Society</i> , 2019 , 50, 373-397	1.2	111
59	Cubic bipolar fuzzy graphs with applications. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019 , 37, 2289-2307.	6	6
58	A graphical method for ranking Atanassov's intuitionistic fuzzy values using the uncertainty index and entropy. <i>International Journal of Intelligent Systems</i> , 2019 , 34, 2692-2712	8.4	27
57	Some single-valued neutrosophic power Muirhead mean operators and their application to group decision making. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019 , 37, 2515-2537	1.6	11
56	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
55	Multiple Attribute Group Decision Making Based on 2-Tuple Linguistic Neutrosophic Dombi Power Heronian Mean Operators. <i>IEEE Access</i> , 2019 , 7, 100205-100230	3.5	13
54	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
53	Covering based q-rung orthopair fuzzy rough set model hybrid with TOPSIS for multi-attribute decision making. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019 , 37, 981-993	1.6	33
52	Coefficient Bounds for Certain Subclasses of q-Starlike Functions. <i>Mathematics</i> , 2019 , 7, 969	2.3	2
51	Application of Interval Neutrosophic Power Hamy Mean Operators in MAGDM. <i>Informatica</i> , 2019 , 30, 293-325	2.9	9
50	A Method to Multi-Attribute Group Decision-Making Problem with Complex q-Rung Orthopair Linguistic Information Based on Heronian Mean Operators. <i>International Journal of Computational Intelligence Systems</i> , 2019 , 12, 1465	3.4	58
49	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
48	A Multi-Attribute Decision Making Process with Immediate Probabilistic Interactive Averaging Aggregation Operators of T-Spherical Fuzzy Sets and Its Application in the Selection of Solar Cells. <i>Energies</i> , 2019 , 12, 4436	3.1	31
47	Multiple attribute decision making method under linguistic cubic information. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019 , 36, 253-269	1.6	9
46	Spherical fuzzy sets and their applications in multi-attribute decision making problems. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019 , 36, 2829-2844	1.6	137
45	Multiple-attribute decision making based on single-valued neutrosophic Schweizer-Sklar prioritized aggregation operator. <i>Cognitive Systems Research</i> , 2019 , 57, 175-196	4.8	16
44	Some Root Level Modifications in Interval Valued Fuzzy Graphs and Their Generalizations Including Neutrosophic Graphs. <i>Mathematics</i> , 2019 , 7, 72	2.3	21
43	A progressive approach to joint monitoring of process parameters. <i>Computers and Industrial Engineering</i> , 2018 , 115, 253-268	6.4	33

42	Group Decision Making Based on Power Heronian Aggregation Operators Under Linguistic Neutrosophic Environment. <i>International Journal of Fuzzy Systems</i> , 2018 , 20, 970-985	3.6	39
41	Group Decision-Making Method Under Hesitant Interval Neutrosophic Uncertain Linguistic Environment. <i>International Journal of Fuzzy Systems</i> , 2018 , 20, 2337-2353	3.6	12
40	Several hybrid aggregation operators for triangular intuitionistic fuzzy set and their application in multi-criteria decision making. <i>Granular Computing</i> , 2018 , 3, 153-168	5.4	28
39	Generalized roughness in fuzzy filters and fuzzy ideals with thresholds in ordered semigroups. <i>Computational and Applied Mathematics</i> , 2018 , 37, 5013-5033		17
38	Similarity Measures for T-Spherical Fuzzy Sets with Applications in Pattern Recognition. <i>Symmetry</i> , 2018 , 10, 193	2.7	72
37	Some Generalized Dice Measures for Double-Valued Neutrosophic Sets and Their Applications. <i>Mathematics</i> , 2018 , 6, 121	2.3	5
36	Some results on lattice ordered double framed soft semirings. <i>International Journal of Algebra and Statistics</i> , 2018 , 7, 123-140	0	3
35	Algorithm for T-Spherical Fuzzy Multi-Attribute Decision Making Based on Improved Interactive Aggregation Operators. <i>Symmetry</i> , 2018 , 10, 670	2.7	64
34	Neutrosophic Cubic Power Muirhead Mean Operators with Uncertain Data for Multi-Attribute Decision-Making. <i>Symmetry</i> , 2018 , 10, 444	2.7	5
33	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
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