Arunodaya Raj Mishra

List of Publications by Year
in descending order

89 papers	**4,151** citations	87723 **38** h-index	138251 **58** g-index
91 all docs	**91** docs citations	**91** times ranked	**1243** citing authors

#	Article	IF	Citations
1	A q-rung orthopair fuzzy ARAS method based on entropy and discrimination measures: an application of sustainable recycling partner selection. Journal of Ambient Intelligence and Humanized Computing, 2023, 14, 6897-6918.	3.3	43
2	A BCFâ€"CRITICâ€"WASPAS method for green supplier selection with cross-entropy and Archimedean aggregation operators. Journal of Ambient Intelligence and Humanized Computing, 2023, 14, 11909-11933.	3.3	15
3	A single-valued neutrosophic decision framework for the assessment of sustainable transport investment projects based on discrimination measure. Management Decision, 2023, 61, 443-471.	2.2	15
4	A Decision Support System for Assessing and Prioritizing Sustainable Urban Transportation in Metaverse. IEEE Transactions on Fuzzy Systems, 2023, 31, 475-484.	6.5	53
5	A New Pythagorean Fuzzy Based Decision Framework for Assessing Healthcare Waste Treatment. IEEE Transactions on Engineering Management, 2022, 69, 2915-2929.	2.4	36
6	Fermatean fuzzy CRITIC-EDAS approach for the selection of sustainable third-party reverse logistics providers using improved generalized score function. Journal of Ambient Intelligence and Humanized Computing, 2022, 13, 295-311.	3.3	114
7	An extended framework to evaluate sustainable suppliers in manufacturing companies using a new Pythagorean fuzzy entropy-SWARA-WASPAS decision-making approach. Journal of Enterprise Information Management, 2022, 35, 333-357.	4.4	39
8	Sustainable third-party reverse logistics provider selection to promote circular economy using new uncertain interval-valued intuitionistic fuzzy-projection model. Journal of Enterprise Information Management, 2022, 35, 955-987.	4.4	25
9	An extended hesitant fuzzy set using SWARA-MULTIMOORA approach to adapt online education for the control of the pandemic spread of COVID-19 in higher education institutions. Artificial Intelligence Review, 2022, 55, 181-206.	9.7	45
10	Low-carbon tourism strategy evaluation and selection using interval-valued intuitionistic fuzzy additive ratio assessment approach based on similarity measures. Environment, Development and Sustainability, 2022, 24, 7236-7282.	2.7	28
11	Novel Single-Valued Neutrosophic Combined Compromise Solution Approach for Sustainable Waste Electrical and Electronics Equipment Recycling Partner Selection. IEEE Transactions on Engineering Management, 2022, 69, 3139-3153.	2.4	32
12	Internet of things challenges of sustainable supply chain management in the manufacturing sector using an integrated q-Rung Orthopair Fuzzy-CRITIC-VIKOR method. Journal of Enterprise Information Management, 2022, 35, 1011-1039.	4.4	26
13	New ranking model with evidence theory under probabilistic hesitant fuzzy context and unknown weights. Neural Computing and Applications, 2022, 34, 3923-3937.	3.2	20
14	Interval-valued fermatean fuzzy sets with multi-criteria weighted aggregated sum product assessment-based decision analysis framework. Neural Computing and Applications, 2022, 34, 8051-8067.	3.2	43
15	COPRAS method based on interval-valued hesitant Fermatean fuzzy sets and its application in selecting desalination technology. Applied Soft Computing Journal, 2022, 119, 108570.	4.1	51
16	An Integrated Decision Support Framework Using Single-Valued-MEREC-MULTIMOORA for Low Carbon Tourism Strategy Assessment. IEEE Access, 2022, 10, 24411-24432.	2.6	42
17	Assessing the Adaptation of Internet of Things (IoT) Barriers for Smart Citiesâ€™ Waste Management Using Fermatean Fuzzy Combined Compromise Solution Approach. IEEE Access, 2022, 10, 37109-37130.	2.6	21
18	A q-Rung Orthopair Fuzzy FUCOM Double Normalization-Based Multi-Aggregation Method for Healthcare Waste Treatment Method Selection. Sustainability, 2022, 14, 4171.	1.6	30

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19	ENABLING TECHNOLOGIES CHALLENGES OF GREEN INTERNET OF THINGS (IOT) TOWARDS SUSTAINABLE DEVELOPMENT IN THE ERA OF INDUSTRY 4.0. Technological and Economic Development of Economy, 2022, .	2.3	10
20	An extended interval-valued Pythagorean fuzzy WASPAS method based on new similarity measures to evaluate the renewable energy sources. Applied Soft Computing Journal, 2022, 120, 108689.	4.1	45
21	Fermatean fuzzy Heronian mean operators and MEREC€based additive ratio assessment method: An application to food waste treatment technology selection. International Journal of Intelligent Systems, 2022, 37, 2612-2647.	3.3	71
22	New complex proportional assessment approach using Einstein aggregation operators and improved score function for interval-valued Fermatean fuzzy sets. Computers and Industrial Engineering, 2022, 169, 108165.	3.4	44
23	A Hybrid Intuitionistic Fuzzy-MEREC-RS-DNMA Method for Assessing the Alternative Fuel Vehicles with Sustainability Perspectives. Sustainability, 2022, 14, 5463.	1.6	48
24	Fermatean fuzzy copula aggregation operators and similarity measures-based complex proportional assessment approach for renewable energy source selection. Complex & Intelligent Systems, 2022, 8, 5223-5248.	4.0	22
25	Interval-Valued Pythagorean Fuzzy Similarity Measure-Based Complex Proportional Assessment Method for Waste-to-Energy Technology Selection. Processes, 2022, 10, 1015.	1.3	11
26	Sustainable supplier selection using HF-DEA-FOCUM-MABAC technique: a case study in the Auto-making industry. Soft Computing, 2022, 26, 8821-8840.	2.1	13
27	A similarity measure-based Pythagorean fuzzy additive ratio assessment approach and its application to multi-criteria sustainable biomass crop selection. Applied Soft Computing Journal, 2022, 125, 109201.	4.1	26
28	Multiattribute decision making based on Fermatean hesitant fuzzy sets and modified VIKOR method. Information Sciences, 2022, 607, 1532-1549.	4.0	36
29	A New Approach to the Viable Ranking of Zero-Carbon Construction Materials with Generalized Fuzzy Information. Sustainability, 2022, 14, 7691.	1.6	7
30	An integrated decision model for cloud vendor selection using probabilistic linguistic information and unknown weights. Engineering Applications of Artificial Intelligence, 2022, 114, 105114.	4.3	7
31	Solving renewable energy source selection problems using a q-rung orthopair fuzzy-based integrated decision-making approach. Journal of Cleaner Production, 2021, 279, 123329.	4.6	77
32	Evaluating the green growth indicators to achieve sustainable development: A novel extended interval€valued intuitionistic fuzzy€combined compromise solution approach. Sustainable Development, 2021, 29, 120-142.	6.9	42
33	An extended fuzzy divergence measure-based technique for order preference by similarity to ideal solution method for renewable energy investments. , 2021, , 469-490.		0
34	Assessment of performance of telecom service providers using intuitionistic fuzzy grey relational analysis framework (IF-GRA). Soft Computing, 2021, 25, 1983-1993.	2.1	30
35	Assessment of Agriculture Crop Selection Using Pythagorean Fuzzy CRITIC€"VIKOR Decision-Making Framework. , 2021, , 167-191.		6
36	A Hesitant Fuzzy Combined Compromise Solution Framework-Based on Discrimination Measure for Ranking Sustainable Third-Party Reverse Logistic Providers. Sustainability, 2021, 13, 2064.	1.6	39

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37	Pythagorean fuzzy weighted discrimination€based approximation approach to the assessment of sustainable bioenergy technologies for agricultural residues. International Journal of Intelligent Systems, 2021, 36, 2964-2990.	3.3	22
38	A New Extended VIKOR Approach Using q-Rung Orthopair Fuzzy Sets for Sustainable Enterprise Risk Management Assessment in Manufacturing Small and Medium-Sized Enterprises. International Journal of Fuzzy Systems, 2021, 23, 1347-1369.	2.3	45
39	A novel Pythagorean fuzzy combined compromise solution framework for the assessment of medical waste treatment technology. Journal of Cleaner Production, 2021, 292, 126047.	4.6	85
40	Interval-valued probabilistic uncertain linguistic information for decision-making: selection of hydrogen production methodology. Soft Computing, 2021, 25, 9121-9138.	2.1	4
41	Intuitionistic Fuzzy Shapley-TOPSIS Method for Multi-Criteria Decision Making Problems Based on Information Measures. Recent Advances in Computer Science and Communications, 2021, 14, 376-383.	0.5	9
42	An extended fuzzy decision-making framework using hesitant fuzzy sets for the drug selection to treat the mild symptoms of Coronavirus Disease 2019 (COVID-19). Applied Soft Computing Journal, 2021, 103, 107155.	4.1	71
43	Multi-criteria healthcare waste disposal location selection based on Fermatean fuzzy WASPAS method. Complex & Intelligent Systems, 2021, 7, 2469-2484.	4.0	66
44	Selection of third party reverses logistic providers: an approach of BCF-CRITIC-MULTIMOORA using Archimedean power aggregation operators. Complex & Intelligent Systems, 2021, 7, 2503-2530.	4.0	34
45	Assessment of sustainable third party reverse logistic provider using the single-valued neutrosophic Combined Compromise Solution framework. Cleaner and Responsible Consumption, 2021, 2, 100011.	1.6	38
46	Single€valued neutrosophic similarity measure€based additive ratio assessment framework for optimal site selection of electric vehicle charging station. International Journal of Intelligent Systems, 2021, 36, 5573-5604.	3.3	39
47	An Integrated Single-Valued Neutrosophic Combined Compromise Solution Methodology for Renewable Energy Resource Selection Problem. Energies, 2021, 14, 4594.	1.6	32
48	Developing a new framework for conceptualizing the emerging sustainable community-based tourism using an extended interval-valued Pythagorean fuzzy SWARA-MULTIMOORA. Technological Forecasting and Social Change, 2021, 171, 120955.	6.2	51
49	Fermatean fuzzy Einstein aggregation operators-based MULTIMOORA method for electric vehicle charging station selection. Expert Systems With Applications, 2021, 182, 115267.	4.4	98
50	Multi-criteria food waste treatment method selection using single-valued neutrosophic-CRITIC-MULTIMOORA framework. Applied Soft Computing Journal, 2021, 111, 107657.	4.1	63
51	A new intuitionistic fuzzy combinative distance-based assessment framework to assess low-carbon sustainable suppliers in the maritime sector. Energy, 2021, 237, 121500.	4.5	41
52	An Extended Intuitionistic Fuzzy Multi-Attributive Border Approximation Area Comparison Approach for Smartphone Selection Using Discrimination Measures. Informatica, 2021, , 119-143.	1.5	19
53	Multi-criteria weighted aggregated sum product assessment method for sustainable biomass crop selection problem using single-valued neutrosophic sets. Applied Soft Computing Journal, 2021, 113, 108038.	4.1	31
54	Intuitionistic fuzzy divergence measure-based ELECTRE method for performance of cellular mobile telephone service providers. Neural Computing and Applications, 2020, 32, 3901-3921.	3.2	49

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55	Extended MABAC method based on divergence measures for multi-criteria assessment of programming language with interval-valued intuitionistic fuzzy sets. Granular Computing, 2020, 5, 97-117.	4.4	58
56	A novel WASPAS approach for multi-criteria physician selection problem with intuitionistic fuzzy type-2 sets. Soft Computing, 2020, 24, 2355-2367.	2.1	60
57	Extended Pythagorean Fuzzy TOPSIS Method Based on Similarity Measure for Sustainable Recycling Partner Selection. International Journal of Fuzzy Systems, 2020, 22, 735-747.	2.3	93
58	Healthcare evaluation in hazardous waste recycling using novel interval-valued intuitionistic fuzzy information based on complex proportional assessment method. Computers and Industrial Engineering, 2020, 139, 106140.	3.4	67
59	A novel entropy and divergence measures with multi-criteria service quality assessment using interval-valued intuitionistic fuzzy TODIM method. Soft Computing, 2020, 24, 11641-11661.	2.1	45
60	An Extended Shapley TODIM Approach Using Novel Exponential Fuzzy Divergence Measures for Multi-Criteria Service Quality in Vehicle Insurance Firms. Symmetry, 2020, 12, 1452.	1.1	8
61	Hesitant Fuzzy SWARA-Complex Proportional Assessment Approach for Sustainable Supplier Selection (HF-SWARA-COPRAS). Symmetry, 2020, 12, 1152.	1.1	70
62	A novel extended approach under hesitant fuzzy sets to design a framework for assessing the key challenges of digital health interventions adoption during the COVID-19 outbreak. Applied Soft Computing Journal, 2020, 96, 106613.	4.1	117
63	An Integrated Decision Approach with Probabilistic Linguistic Information for Test Case Prioritization. Mathematics, 2020, 8, 1857.	1.1	5
64	An extended Pythagorean fuzzy complex proportional assessment approach with new entropy and score function: Application in pharmacological therapy selection for type 2 diabetes. Applied Soft Computing Journal, 2020, 94, 106441.	4.1	59
65	Assessing the impact of construction industry stakeholders on workers' unsafe behaviours using extended decision making approach. Automation in Construction, 2020, 118, 103162.	4.8	21
66	A novel EDAS approach on intuitionistic fuzzy set for assessment of health-care waste disposal technology using new parametric divergence measures. Journal of Cleaner Production, 2020, 272, 122807.	4.6	101
67	Multi-criteria weighted aggregated sum product assessment framework for fuel technology selection using q-rung orthopair fuzzy sets. Sustainable Production and Consumption, 2020, 24, 90-104.	5.7	68
68	A novel approach to extended fuzzy TOPSIS based on new divergence measures for renewable energy sources selection. Journal of Cleaner Production, 2020, 257, 120352.	4.6	137
69	A Group Decision Framework for Renewable Energy Source Selection under Interval-Valued Probabilistic linguistic Term Set. Energies, 2020, 13, 986.	1.6	30
70	Unified Fuzzy Divergence Measures with Multi-Criteria Decision Making Problems for Sustainable Planning of an E-Waste Recycling Job Selection. Symmetry, 2020, 12, 90.	1.1	12
71	Multi-criteria COPRAS Method Based on Parametric Measures for Intuitionistic Fuzzy Sets: Application of Green Supplier Selection. Iranian Journal of Science and Technology - Transactions of Electrical Engineering, 2020, 44, 1645-1662.	1.5	107
72	Novel Multi-Criteria Intuitionistic Fuzzy SWARA–COPRAS Approach for Sustainability Evaluation of the Bioenergy Production Process. Sustainability, 2020, 12, 4155.	1.6	96

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73	Pythagorean Fuzzy SWARAâ€"VIKOR Framework for Performance Evaluation of Solar Panel Selection. Sustainability, 2020, 12, 4278.	1.6	66
74	Texture Feature Extraction Using Intuitionistic Fuzzy Local Binary Pattern. Journal of Intelligent Systems, 2019, 29, 19-34.	1.2	8
75	Multiple-criteria decision-making for service quality selection based on Shapley COPRAS method under hesitant fuzzy sets. Granular Computing, 2019, 4, 435-449.	4.4	58
76	Multi-criteria assessment of cellular mobile telephone service providers using intuitionistic fuzzy WASPAS method with similarity measures. Granular Computing, 2019, 4, 511-529.	4.4	68
77	A novel VIKOR approach based on entropy and divergence measures of Pythagorean fuzzy sets to evaluate renewable energy technologies in India. Journal of Cleaner Production, 2019, 238, 117936.	4.6	199
78	A novel hesitant fuzzy WASPAS method for assessment of green supplier problem based on exponential information measures. Journal of Cleaner Production, 2019, 238, 117901.	4.6	114
79	Analysis of Smartphone Selection Problem under Interval-valued Intuitionistic Fuzzy ARAS and TOPSIS Methods. , 2019, , .		11
80	Shapley divergence measures with VIKOR method for multi-attribute decision-making problems. Neural Computing and Applications, 2019, 31, 1299-1316.	3.2	67
81	Intuitionistic fuzzy divergence measure-based multi-criteria decision-making method. Neural Computing and Applications, 2019, 31, 2279-2294.	3.2	47
82	Biparametric Information Measures-Based TODIM Technique for Interval-Valued Intuitionistic Fuzzy Environment. Arabian Journal for Science and Engineering, 2018, 43, 3291-3309.	1.7	55
83	New Divergence and Entropy Measures for Intuitionistic Fuzzy Sets on Edge Detection. International Journal of Fuzzy Systems, 2018, 20, 474-487.	2.3	77
84	Interval-Valued Intuitionistic Fuzzy WASPAS Method: Application in Reservoir Flood Control Management Policy. Group Decision and Negotiation, 2018, 27, 1047-1078.	2.0	91
85	Exponential Intuitionistic Fuzzy Information Measure with Assessment of Service Quality. International Journal of Fuzzy Systems, 2017, 19, 788-798.	2.3	40
86	On edge detection based on new intuitionistic fuzzy divergence and entropy measures. , 2016, , .		13
87	On fuzzy distance and induced fuzzy information measures. Journal of Information and Optimization Sciences, 2016, 37, 193-211.	0.2	22
88	On logarithmic fuzzy measures of information and discrimination. Journal of Information and Optimization Sciences, 2016, 37, 213-231.	0.2	18
89	Intuitionistic Fuzzy Similarity and Information Measures with Physical Education Teaching Quality Assessment. Advances in Intelligent Systems and Computing, 2016, , 387-399.	0.5	15