Kattur Soundarapandian Ravichandran

List of Publications by Year
in descending order

67 papers	1,322 citations	394286 19 h-index	377752 34 g-index
67 all docs	67 docs citations	67 times ranked	935 citing authors

#	Article	IF	Citations
1	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
2	Cloud vendor selection for the healthcare industry using a big data-driven decision model with probabilistic linguistic information. Applied Intelligence, 2022, 52, 13497-13519.	3.3	11
3	Clean energy selection for sustainable development by using entropy-based decision model with hesitant fuzzy information. Environmental Science and Pollution Research, 2022, 29, 42973-42990.	2.7	7
4	Decision framework with integrated methods for group decision-making under probabilistic hesitant fuzzy context and unknown weights. Expert Systems With Applications, 2022, 200, 117082.	4.4	21
5	A New Interactive Decision Approach with Probabilistic Linguistic Data: An Application in the Academic Sector. Mathematical Problems in Engineering, 2022, 2022, 1-13.	0.6	0
6	Double hierarchy hesitant fuzzy linguistic information based framework for personalized ranking of sustainable suppliers. Environmental Science and Pollution Research, 2022, 29, 65371-65390.	2.7	9
7	A New Approach to the Viable Ranking of Zero-Carbon Construction Materials with Generalized Fuzzy Information. Sustainability, 2022, 14, 7691.	1.6	7
8	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
9	Interval-valued probabilistic hesitant fuzzy set-based framework for group decision-making with unknown weight information. Neural Computing and Applications, 2021, 33, 2445-2457.	3.2	12
10	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
11	Double-hierarchy hesitant fuzzy linguistic term set-based decision framework for multi-attribute group decision-making. Soft Computing, 2021, 25, 2665-2685.	2.1	23
12	An integrated and discriminative approach for group decision-making with probabilistic linguistic information. Soft Computing, 2021, 25, 3043-3057.	2.1	3
13	Energy-efficient green ant colony optimization for path planning in dynamic 3D environments. Soft Computing, 2021, 25, 4749-4769.	2.1	26
14	An integrated decision-making COPRAS approach to probabilistic hesitant fuzzy set information. Complex & Intelligent Systems, 2021, 7, 2281-2298.	4.0	36
15	Double-hierarchy hesitant fuzzy linguistic information-based framework for green supplier selection with partial weight information. Neural Computing and Applications, 2021, 33, 14837-14859.	3.2	11
16	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
17	Assessment of cloud vendors using interval‑valued probabilistic linguistic information and unknown weights. International Journal of Intelligent Systems, 2021, 36, 3813-3851.	3.3	18
18	Multi-criteria food waste treatment method selection using single-valued neutrosophic-CRITIC-MULTIMOORA framework. Applied Soft Computing Journal, 2021, 111, 107657.	4.1	63

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19	A Bibliometric Review on Decision Approaches for Clean Energy Systems under Uncertainty. Energies, 2021, 14, 6824.	1.6	8
20	Classification and Prediction of Erythemato-Squamous Diseases Through Tensor-Based Learning. Proceedings of the National Academy of Sciences India Section A - Physical Sciences, 2020, 90, 327-335.	0.8	3
21	A novel extension to VIKOR method under intuitionistic fuzzy context for solving personnel selection problem. Soft Computing, 2020, 24, 1063-1081.	2.1	48
22	Hesitant Fuzzy SWARA-Complex Proportional Assessment Approach for Sustainable Supplier Selection (HF-SWARA-COPRAS). Symmetry, 2020, 12, 1152.	1.1	70
23	An Integrated Decision Approach with Probabilistic Linguistic Information for Test Case Prioritization. Mathematics, 2020, 8, 1857.	1.1	5
24	A novel hybrid segmentation approach for optic papilla detection in high resolution fundus images of retina. Multimedia Tools and Applications, 2020, 79, 23531-23545.	2.6	0
25	A Group Decision Framework for Renewable Energy Source Selection under Interval-Valued Probabilistic linguistic Term Set. Energies, 2020, 13, 986.	1.6	30
26	Multi-attribute group decision-making using double hierarchy hesitant fuzzy linguistic preference information. Neural Computing and Applications, 2020, 32, 14031-14045.	3.2	42
27	Improved pharma education system in the field of medical images using compression techniques. Cluster Computing, 2019, 22, 15049-15057.	3.5	3
28	Scientific Decision Framework for Evaluation of Renewable Energy Sources under Q-Rung Orthopair Fuzzy Set with Partially Known Weight Information. Sustainability, 2019, 11, 4202.	1.6	53
29	A Scientific Decision Framework for Cloud Vendor Prioritization under Probabilistic Linguistic Term Set Context with Unknown/Partial Weight Information. Symmetry, 2019, 11, 682.	1.1	17
30	A decision-making framework under probabilistic linguistic term set for multi-criteria group decision-making problem. Journal of Intelligent and Fuzzy Systems, 2019, 36, 5783-5795.	0.8	27
31	SECRECSY: A Secure Framework for Enhanced Privacy-Preserving Location Recommendations in Cloud Environment. Wireless Personal Communications, 2019, 108, 1869-1907.	1.8	8
32	Probabilistic Linguistic Preference Relation-Based Decision Framework for Multi-Attribute Group Decision Making. Symmetry, 2019, 11, 2.	1.1	34
33	Interval-Valued Probabilistic Hesitant Fuzzy Set Based Muirhead Mean for Multi-Attribute Group Decision-Making. Mathematics, 2019, 7, 342.	1.1	15
34	Novel Fuzzy Clustering Methods for Test Case Prioritization in Software Projects. Symmetry, 2019, 11, 1400.	1.1	8
35	Interval-valued probabilistic hesitant fuzzy set for multi-criteria group decision-making. Soft Computing, 2019, 23, 10853-10879.	2.1	34
36	An Intelligent Gain based Ant Colony Optimisation Method for Path Planning of Unmanned Ground Vehicles. Defence Science Journal, 2019, 69, 167-172.	0.5	10

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37	Realizing the effects of trust and personality in cross functional teams using ANFIS classification framework. Computational and Mathematical Organization Theory, 2018, 24, 243-276.	1.5	0
38	A Decision Framework under a Linguistic Hesitant Fuzzy Set for Solving Multi-Criteria Group Decision Making Problems. Sustainability, 2018, 10, 2608.	1.6	25
39	A scientific decision-making framework for supplier outsourcing using hesitant fuzzy information. Soft Computing, 2018, 22, 7445-7461.	2.1	15
40	A new extension to PROMETHEE under intuitionistic fuzzy environment for solving supplier selection problem with linguistic preferences. Applied Soft Computing Journal, 2017, 60, 564-576.	4.1	115
41	A Scientific Decision Framework for Supplier Selection under Interval Valued Intuitionistic Fuzzy Environment. Mathematical Problems in Engineering, 2017, 2017, 1-18.	0.6	7
42	A NOVEL APPROACH FOR FINDING DIABETIC MELLITUS USING ENSEMBLE MODEL FOR AN OPTIMIZED CLASSIFICATION. Asian Journal of Pharmaceutical and Clinical Research, 2017, 10, 15.	0.3	2
43	Information retrieval by mining text and image. International Journal of Advanced Intelligence Paradigms, 2016, 8, 451.	0.2	3
44	Text mining from biomedical domain using a full parser. , 2016, , .		0
45	Novel Approaches for Diagnosing Melanoma Skin Lesions Through Supervised and Deep Learning Algorithms. Journal of Medical Systems, 2016, 40, 96.	2.2	153
46	Estimation of automatic detection of erythemato-squamous diseases through AdaBoost and its hybrid classifiers. Artificial Intelligence Review, 2016, 45, 471-488.	9.7	15
47	Quantification of Fuzzy Borders and Fuzzy Asymmetry of Malignant Melanomas. Proceedings of the National Academy of Sciences India Section A - Physical Sciences, 2015, 85, 303-314.	0.8	2
48	Detection of Melanoma Skin Lesions Using Phylogeny. The National Academy of Sciences, India, 2015, 38, 333-338.	0.8	2
49	A combined segmentation approach for melanoma skin cancer diagnosis. , 2015, , .		7
50	A Survey on Color Image Segmentation Techniques for Melanoma Diagnosis. Indian Journal of Science and Technology, 2015, 8, .	0.5	3
51	Image Enhancement Techniques: A Study. Indian Journal of Science and Technology, 2015, 8, .	0.5	32
52	Normalised Otsu's Segmentation Algorithm for Melanoma Diagnosis. Indian Journal of Science and Technology, 2015, 8, .	0.5	3
53	Data Mining-an Evolutionary Arena. Research Journal of Applied Sciences, Engineering and Technology, 2014, 7, 4749-4753.	0.1	1
54	An efficient approach to an automatic detection of erythemato-squamous diseases. Neural Computing and Applications, 2014, 25, 105-114.	3.2	12

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55	Asymmetry Analysis of Malignant Melanoma Using Image Processing: A Survey. Journal of Artificial Intelligence, 2014, 7, 45-53.	0.7	7
56	A Survey on Melanoma Diagnosis using Image Processing and Soft Computing Techniques. Research Journal of Information Technology, 2014, 6, 65-80.	0.4	8
57	A Combined Schema for Surveillance. Research Journal of Information Technology, 2014, 6, 406-412.	0.4	0
58	A NOVEL APPROACH FOR OPTIMAL GROUPING OF REUSABLE SOFTWARE COMPONENTS FOR COMPONENT BASED SOFTWARE DEVELOPMENT SYSTEMS. International Journal of Software Engineering and Knowledge Engineering, 2013, 23, 895-912.	0.6	5
59	ANFIS approach to the working of a compost-heat extractor. International Journal of Environment and Waste Management, 2013, 11, 13.	0.2	0
60	Design of Automatic Detection of Erythemato-squamous Diseases Through Threshold-based ABC-FELM Algorithm. Journal of Artificial Intelligence, 2013, 6, 245-256.	0.7	4
61	FELM based intelligent optimal switching capacitor placement. , 2011, , .		1
62	A multi-objective evolutionary algorithm for protein structure prediction with immune operators. Computer Methods in Biomechanics and Biomedical Engineering, 2009, 12, 407-413.	0.9	20
63	A solution to protein folding problem using a genetic algorithm with modified keep best reproduction strategy. , 2007, , .		7
64	The Role of Fuzzy and Genetic Algorithms in Part Family Formation and Sequence Optimisation for Flexible Manufacturing Systems. International Journal of Advanced Manufacturing Technology, 2002, 19, 879-888.	1.5	8
65	A New Approach to Fuzzy Part-Family Formation in Cellular Manufacturing Systems. International Journal of Advanced Manufacturing Technology, 2001, 18, 591-597.	1.5	32
66	Fuzzy based dual active queue management scheme for high performance networks. , 0, , .		1
67	DOMAIN SPECIFIC PRIVACY AWARE WEB SERVICE COMPOSITION FOR DAAS. Far East Journal of Electronics and Communications, 0, , 13-21.	0.2	0