

Fang Liu

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

631
citations

759190

12
h-index

610883

24
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38
all docs

38
docs citations

38
times ranked

386
citing authors

#	ARTICLE	IF	CITATIONS
1	Measuring Weak Consistency and Weak Transitivity of Pairwise Comparison Matrices. IEEE Transactions on Cybernetics, 2023, 53, 303-314.	9.5	3
2	A Quantification Approach to Flexibility Degrees of Fuzzy Numbers and Its Application to Group Decision Making. International Journal of Fuzzy Systems, 2022, 24, 355-370.	4.0	3
3	A decision-making model with sequential incomplete additive pairwise comparisons. Knowledge-Based Systems, 2022, 236, 107766.	7.1	5
4	A consensus building model in group decision making with non-reciprocal fuzzy preference relations. Complex & Intelligent Systems, 2022, 8, 3231-3245.	6.5	4
5	Gene Selection in a Single Cell Gene Space Based on Dâ€™S Evidence Theory. Interdisciplinary Sciences, Computational Life Sciences, 2022, 14, 722-744.	3.6	2
6	Group Decision Making Based on Flexibility Degree of Fuzzy Numbers Under a Confidence Level. IEEE Transactions on Fuzzy Systems, 2021, 29, 1640-1653.	9.8	6
7	Consistency-index-driven group decision making under the environment of triangular fuzzy numbers. Soft Computing, 2021, 25, 2069-2083.	3.6	3
8	Group decision support model based on sequential additive complementary pairwise comparisons. Applied Intelligence, 2021, 51, 7122-7138.	5.3	6
9	A Possibility Theory-Based Approach to the Ranking of Generalized Fuzzy Numbers. International Journal of Fuzzy Systems, 2021, 23, 1510-1523.	4.0	3
10	A decision making model based on intuitionistic multiplicative preference relations with approximate consistency. International Journal of Machine Learning and Cybernetics, 2021, 12, 2761-2775.	3.6	2
11	A Two-Dimensional Simulation Approach for Ranking Fuzzy Numbers by the Monte Carlo Technique. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2021, 29, 559-586.	1.9	1
12	Transitivity measurements of fuzzy preference relations. Fuzzy Sets and Systems, 2021, 422, 27-47.	2.7	8
13	An uncertainty-induced axiomatic foundation of the analytic hierarchy process and its implication. Expert Systems With Applications, 2021, 183, 115427.	7.6	15
14	Goal programming models for incomplete interval additive reciprocal preference relations with permutations. Granular Computing, 2020, 5, 373-386.	8.0	8
15	A consensus model for group decision making under additive reciprocal matrices with flexibility. Fuzzy Sets and Systems, 2020, 398, 61-77.	2.7	13
16	An inconsistency index of interval additive reciprocal matrices with application to group decision making. Journal of Data Information and Management, 2020, 2, 201-213.	2.7	3
17	A decision making model based on the leading principal submatrices of a reciprocal preference relation. Applied Soft Computing Journal, 2020, 94, 106448.	7.2	7
18	On the use of group theory to generalize elements of pairwise comparisons matrix: A cautionary note. International Journal of Approximate Reasoning, 2020, 124, 59-65.	3.3	5

#	ARTICLE	IF	CITATIONS
19	Deriving priorities from pairwise comparison matrices with a novel consistency index. <i>Applied Mathematics and Computation</i> , 2020, 374, 125059.	2.2	15
20	A PSO-algorithm-based consensus model with the application to large-scale group decision-making. <i>Complex & Intelligent Systems</i> , 2020, 6, 287-298.	6.5	20
21	Measuring consistency of interval-valued preference relations: comments and comparison. <i>Operational Research</i> , 2020, , 1.	2.0	5
22	On weak consistency of interval additive reciprocal matrices. <i>Fuzzy Optimization and Decision Making</i> , 2020, 19, 153-175.	5.5	7
23	Decision making with a sequential modeling of pairwise comparison process. <i>Knowledge-Based Systems</i> , 2020, 195, 105642.	7.1	14
24	Flexibility Degree of Fuzzy Numbers and its Implication to a Group-Decision-Making Model. <i>IEEE Transactions on Cybernetics</i> , 2019, 49, 4054-4065.	9.5	25
25	A PSO-based group decision making model with multiplicative reciprocal matrices under flexibility. <i>Soft Computing</i> , 2019, 23, 10901-10910.	3.6	11
26	The solution for fuzzy large-scale group decision making problems combining internal preference information and external social network structures. <i>Soft Computing</i> , 2019, 23, 9025-9043.	3.6	18
27	A Modified Consensus Model in Group Decision Making With an Allocation of Information Granularity. <i>IEEE Transactions on Fuzzy Systems</i> , 2018, 26, 3182-3187.	9.8	46
28	A group decision making model based on an inconsistency index of interval multiplicative reciprocal matrices. <i>Knowledge-Based Systems</i> , 2018, 145, 67-76.	7.1	30
29	On possibility-degree formulae for ranking interval numbers. <i>Soft Computing</i> , 2018, 22, 2557-2565.	3.6	19
30	A decision-making model based on interval additive reciprocal matrices with additive approximation-consistency. <i>Information Sciences</i> , 2018, 422, 161-176.	6.9	31
31	An axiomatic approach to approximation-consistency of triangular fuzzy reciprocal preference relations. <i>Fuzzy Sets and Systems</i> , 2017, 322, 1-18.	2.7	39
32	A Modified TOPSIS Method for Obtaining the Associated Weights of the OWA-Type Operators. <i>International Journal of Intelligent Systems</i> , 2015, 30, 1101-1116.	5.7	7
33	Consistency analysis of triangular fuzzy reciprocal preference relations. <i>European Journal of Operational Research</i> , 2014, 235, 718-726.	5.7	75
34	A group decision making model based on a generalized ordered weighted geometric average operator with interval preference matrices. <i>Fuzzy Sets and Systems</i> , 2014, 246, 1-18.	2.7	69
35	A goal programming model for incomplete interval multiplicative preference relations and its application in group decision-making. <i>European Journal of Operational Research</i> , 2012, 218, 747-754.	5.7	102
36	An indirect weak transitivity standard for inconsistent multiplicative reciprocal preference relations. <i>Granular Computing</i> , 0, , 1.	8.0	1