

Yi Peng

List of Publications by Year in descending order

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Version: 2024-02-01

89
papers

6,308
citations

87723

38
h-index

71532

76
g-index

93
all docs

93
docs citations

93
times ranked

3743
citing authors

#	ARTICLE	IF	CITATIONS
1	Aggregation of the nearest consistency matrices with the acceptable consensus in AHP-GDM. <i>Annals of Operations Research</i> , 2022, 316, 179-195.	2.6	64
2	Heterogeneous Large-Scale Group Decision Making Using Fuzzy Cluster Analysis and Its Application to Emergency Response Plan Selection. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 3391-3403.	5.9	102
3	An Iterative Algorithm to Derive Priority From Large-Scale Sparse Pairwise Comparison Matrix. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 3038-3051.	5.9	18
4	An Integrated Cluster Detection, Optimization, and Interpretation Approach for Financial Data. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 13848-13861.	6.2	114
5	A group decision making approach for supplier selection with multi-period fuzzy information and opinion interaction among decision makers. <i>Journal of the Operational Research Society</i> , 2022, 73, 855-868.	2.1	18
6	How to determine the consensus threshold in group decision making: a method based on efficiency benchmark using benefit and cost insight. <i>Annals of Operations Research</i> , 2022, 316, 143-177.	2.6	31
7	Large-scale peer-to-peer loan consensus based on minimum cost consensus. <i>Journal of the Operational Research Society</i> , 2022, 73, 2326-2337.	2.1	11
8	Deep learning based dual encoder retrieval model for citation recommendation. <i>Technological Forecasting and Social Change</i> , 2022, 177, 121545.	6.2	9
9	NETWORK RESILIENCE IN THE FINANCIAL SECTORS: ADVANCES, KEY ELEMENTS, APPLICATIONS, AND CHALLENGES FOR FINANCIAL STABILITY REGULATION. <i>Technological and Economic Development of Economy</i> , 2022, 28, 531-558.	2.3	11
10	Consensus reaching process in large-scale group decision making based on bounded confidence and social network. <i>European Journal of Operational Research</i> , 2022, 303, 790-802.	3.5	97
11	An efficiency curve for evaluating imbalanced classifiers considering intrinsic data characteristics: Experimental analysis. <i>Information Sciences</i> , 2022, 608, 1131-1156.	4.0	9
12	DYNAMIC THRESHOLDS OF GEOMETRIC CONSISTENCY INDEX ASSOCIATED WITH PAIRWISE COMPARISON MATRIX. <i>Technological and Economic Development of Economy</i> , 2022, 28, 1137-1157.	2.3	1
13	Multi-class misclassification cost matrix for credit ratings in peer-to-peer lending. <i>Journal of the Operational Research Society</i> , 2021, 72, 923-934.	2.1	67
14	Large-scale group decision-making with non-cooperative behaviors and heterogeneous preferences: An application in financial inclusion. <i>European Journal of Operational Research</i> , 2021, 288, 271-293.	3.5	202
15	Bankruptcy prediction for SMEs using transactional data and two-stage multiobjective feature selection. <i>Decision Support Systems</i> , 2021, 140, 113429.	3.5	212
16	Distributed linguistic representations in decision making: Taxonomy, key elements and applications, and challenges in data science and explainable artificial intelligence. <i>Information Fusion</i> , 2021, 65, 165-178.	11.7	138
17	Estimating priorities from relative deviations in pairwise comparison matrices. <i>Information Sciences</i> , 2021, 552, 310-327.	4.0	78
18	A two-stage ranking method to minimize ordinal violation for pairwise comparisons. <i>Applied Soft Computing Journal</i> , 2021, 106, 107287.	4.1	17

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19	Fairness concern: An equilibrium mechanism for consensus-reaching game in group decision-making. Information Fusion, 2021, 72, 147-160.	11.7	31
20	A CROSS-PLATFORM MARKET STRUCTURE ANALYSIS METHOD USING ONLINE PRODUCT REVIEWS. Technological and Economic Development of Economy, 2021, 27, 992-1018.	2.3	9
21	A fast diagonal distance metric learning approach for large-scale datasets. Information Sciences, 2021, 571, 225-245.	4.0	7
22	An efficient consensus reaching framework for large-scale social network group decision making and its application in urban resettlement. Information Sciences, 2021, 575, 499-527.	4.0	58
23	Classifying With Adaptive Hyper-Spheres: An Incremental Classifier Based on Competitive Learning. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 1218-1229.	5.9	83
24	Time-dependent vehicle routing problem with time windows of city logistics with a congestion avoidance approach. Knowledge-Based Systems, 2020, 188, 104813.	4.0	79
25	Evaluation of feature selection methods for text classification with small datasets using multiple criteria decision-making methods. Applied Soft Computing Journal, 2020, 86, 105836.	4.1	246
26	Effect of marketing messages and consumer engagement on economic performance: evidence from Weibo. Internet Research, 2020, 30, 1565-1581.	2.7	19
27	Sequential imperfect preventive maintenance model with failure intensity reduction with an application to urban buses. Reliability Engineering and System Safety, 2020, 198, 106871.	5.1	34
28	Improving malicious URLs detection via feature engineering: Linear and nonlinear space transformation methods. Information Systems, 2020, 91, 101494.	2.4	100
29	TWO-STAGE PRIORITIZATION PROCEDURE FOR MULTIPLICATIVE AHP-GROUP DECISION MAKING. Technological and Economic Development of Economy, 2020, 26, 525-545.	2.3	6
30	Bankruptcy Forecasting for Small and Medium-Sized Enterprises Using Cash Flow Data. Communications in Computer and Information Science, 2020, , 477-487.	0.4	0
31	A MCDM-Based Evaluation Approach for Imbalanced Classification Methods in Financial Risk Prediction. IEEE Access, 2019, 7, 84897-84906.	2.6	47
32	Location-Routing Problem for Relief Distribution in the Early Post-Earthquake Stage from the Perspective of Fairness. Sustainability, 2019, 11, 3420.	1.6	27
33	Soft consensus cost models for group decision making and economic interpretations. European Journal of Operational Research, 2019, 277, 964-980.	3.5	295
34	MACHINE LEARNING METHODS FOR SYSTEMIC RISK ANALYSIS IN FINANCIAL SECTORS. Technological and Economic Development of Economy, 2019, 25, 716-742.	2.3	202
35	A consensus facilitation model based on experts' weights for investment strategy selection. Journal of the Operational Research Society, 2018, 69, 1435-1444.	2.1	20
36	A preference aggregation model and application in AHP-group decision making. AIP Conference Proceedings, 2018, , .	0.3	1

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37	A Group Decision Making Model for Integrating Heterogeneous Information. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 982-992.	5.9	239
38	A cost-sensitive multi-criteria quadratic programming model for imbalanced data. Journal of the Operational Research Society, 2018, 69, 500-516.	2.1	15
39	Jie Ke versus AlphaGo: A ranking approach using decision making method for large-scale data with incomplete information. European Journal of Operational Research, 2018, 265, 239-247.	3.5	59
40	Cost-sensitive classifiers in credit rating: A comparative study on P2P lending. , 2018, , .		3
41	Time series analysis for C2C conversion rate. Electronic Commerce Research, 2018, 18, 763-789.	3.0	7
42	Nonlinear manifold learning for early warnings in financial markets. European Journal of Operational Research, 2017, 258, 692-702.	3.5	66
43	An optimization model integrating different preference formats. , 2016, , .		1
44	Extension of grey relational analysis for facilitating group consensus to oil spill emergency management. Annals of Operations Research, 2016, 238, 615-635.	2.6	31
45	Study on Multi-agent Based Simulation of Team Machine Learning. Procedia Computer Science, 2016, 91, 847-854.	1.2	3
46	Estimating the missing values for the incomplete decision matrix and consistency optimization in emergency management. Applied Mathematical Modelling, 2016, 40, 254-267.	2.2	34
47	Group decision-making using improved multi-criteria decision making methods for credit risk analysis. Filomat, 2016, 30, 4135-4150.	0.2	16
48	A Cost-sensitive Multi-criteria Quadratic Programming Model. Procedia Computer Science, 2015, 55, 1302-1307.	1.2	2
49	DYNAMIC FUZZY MULTIPLE CRITERIA DECISION MAKING FOR PERFORMANCE EVALUATION. Technological and Economic Development of Economy, 2015, 21, 705-719.	2.3	32
50	Regional earthquake vulnerability assessment using a combination of MCDM methods. Annals of Operations Research, 2015, 234, 95-110.	2.6	55
51	Evaluation of clustering algorithms for financial risk analysis using MCDM methods. Information Sciences, 2014, 275, 1-12.	4.0	652
52	Multiple criteria decision making in emergency management. Computers and Operations Research, 2014, 42, 1-2.	2.4	12
53	MCDM APPROACH TO EVALUATING BANK LOAN DEFAULT MODELS. Technological and Economic Development of Economy, 2014, 20, 292-311.	2.3	33
54	A framework for SaaS software packages evaluation and selection with virtual team and BOCR of analytic network process. Journal of Supercomputing, 2014, 67, 219-238.	2.4	13

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55	A Fuzzy PROMETHEE Approach for Mining Customer Reviews in Chinese. Arabian Journal for Science and Engineering, 2014, 39, 5245-5252.	1.1	74
56	Post-seismic supply chain risk management: A system dynamics disruption analysis approach for inventory and logistics planning. Computers and Operations Research, 2014, 42, 14-24.	2.4	95
57	A New Consistency Test Index for the Data in the AHP/ANP. Quantitative Management, 2013, , 11-27.	0.5	1
58	The analytic hierarchy process: task scheduling and resource allocation in cloud computing environment. Journal of Supercomputing, 2013, 64, 835-848.	2.4	221
59	Editorial: Multiple criteria decision making and operations research. Annals of Operations Research, 2012, 197, 1-4.	2.6	14
60	IMPROVED AHP-GROUP DECISION MAKING FOR INVESTMENT STRATEGY SELECTION. Technological and Economic Development of Economy, 2012, 18, 299-316.	2.3	59
61	Credit Risk Evaluation by Improved MCDM Models. , 2012, , .		3
62	EVALUATION OF CLASSIFICATION ALGORITHMS USING MCDM AND RANK CORRELATION. International Journal of Information Technology and Decision Making, 2012, 11, 197-225.	2.3	496
63	User preferences based software defect detection algorithms selection using MCDM. Information Sciences, 2012, 191, 3-13.	4.0	68
64	A Multicriteria Decision Making Approach for Estimating the Number of Clusters in a Data Set. PLoS ONE, 2012, 7, e41713.	1.1	24
65	ENSEMBLE OF SOFTWARE DEFECT PREDICTORS: AN AHP-BASED EVALUATION METHOD. International Journal of Information Technology and Decision Making, 2011, 10, 187-206.	2.3	153
66	FAMCDM: A fusion approach of MCDM methods to rank multiclass classification algorithms. Omega, 2011, 39, 677-689.	3.6	185
67	An incident information management framework based on data integration, data mining, and multi-criteria decision making. Decision Support Systems, 2011, 51, 316-327.	3.5	134
68	A Dynamic Assessment Method for Urban Eco-environmental Quality Evaluation. Journal of Multi-Criteria Decision Analysis, 2011, 18, 23-38.	1.0	3
69	BIMM: A Bias Induced Matrix Model for Incomplete Reciprocal Pairwise Comparison Matrix. Journal of Multi-Criteria Decision Analysis, 2011, 18, 101-113.	1.0	6
70	An empirical study of classification algorithm evaluation for financial risk prediction. Applied Soft Computing Journal, 2011, 11, 2906-2915.	4.1	159
71	A simple method to improve the consistency ratio of the pair-wise comparison matrix in ANP. European Journal of Operational Research, 2011, 213, 246-259.	3.5	205
72	A New Consistency Index for Comparison Matrices in the ANP. Lecture Notes in Economics and Mathematical Systems, 2011, , 47-56.	0.3	6

#	ARTICLE	IF	CITATIONS
73	Predicting Credit Card Holder Churn in Banks of China Using Data Mining and MCDM. , 2010, , .		11
74	FMCDM: A fuzzy multi-criteria decision-making hybrid approach to evaluate the damage level of typhoon: Integration of fuzzy AHP and fuzzy TOPSIS. , 2010, , .		5
75	A dynamic self-adaptive genetic algorithm for personal credit risk assessment. , 2010, , .		0
76	A New Hierarchical Document Clustering Method. , 2009, , .		1
77	Multiple criteria mathematical programming for multi-class classification and application in network intrusion detection. Information Sciences, 2009, 179, 371-381.	4.0	78
78	Knowledge-Rich Data Mining in Financial Risk Detection. Lecture Notes in Computer Science, 2009, , 534-542.	1.0	6
79	A Multi-criteria Convex Quadratic Programming model for credit data analysis. Decision Support Systems, 2008, 44, 1016-1030.	3.5	97
80	A DESCRIPTIVE FRAMEWORK FOR THE FIELD OF DATA MINING AND KNOWLEDGE DISCOVERY. International Journal of Information Technology and Decision Making, 2008, 07, 639-682.	2.3	288
81	A Standard Process for Data Mining Based Software Debugging. , 2008, , .		0
82	A Domain Knowledge-Driven Framework for Multi-Criteria Optimization-Based Data Mining Methods. , 2008, , .		1
83	A Comparative Study of Classification Methods in Financial Risk Detection. , 2008, , .		1
84	Comparison study of two kernel-based learning algorithms for predicting the distance range between antibody interface residues and antigen surface. International Journal of Computer Mathematics, 2007, 84, 697-707.	1.0	5
85	Application of Clustering Methods to Health Insurance Fraud Detection. , 2006, , .		20
86	A Hybrid Strategy for Clustering Data Mining Documents. , 2006, , .		2
87	Network Intrusion Detection by Multi-group Mathematical Programming based Classifier. , 2006, , .		3
88	Discovering Credit Cardholdersâ€™ Behavior by Multiple Criteria Linear Programming. Annals of Operations Research, 2005, 135, 261-274.	2.6	62
89	Multiple criteria linear programming approach to data mining: Models, algorithm designs and software development. Optimization Methods and Software, 2003, 18, 453-473.	1.6	84