

# Zhen-Song Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

59  
papers

1,980  
citations

236612

25  
h-index

253896

43  
g-index

63  
all docs

63  
docs citations

63  
times ranked

757  
citing authors

#	ARTICLE	IF	CITATIONS
1	Proportional hesitant fuzzy linguistic term set for multiple criteria group decision making. Information Sciences, 2016, 357, 61-87.	4.0	207
2	Online-review analysis based large-scale group decision-making for determining passenger demands and evaluating passenger satisfaction: Case study of high-speed rail system in China. Information Fusion, 2021, 69, 22-39.	11.7	150
3	Fostering linguistic decision-making under uncertainty: A proportional interval type-2 hesitant fuzzy TOPSIS approach based on Hamacher aggregation operators and andness optimization models. Information Sciences, 2019, 500, 229-258.	4.0	123
4	Expertise-based bid evaluation for construction-contractor selection with generalized comparative linguistic ELECTRE III. Automation in Construction, 2021, 125, 103578.	4.8	112
5	Sustainable building material selection: A QFD- and ELECTRE III-embedded hybrid MCGDM approach with consensus building. Engineering Applications of Artificial Intelligence, 2019, 85, 783-807.	4.3	105
6	Third-party reverse logistics provider selection: A computational semantic analysis-based multi-perspective multi-attribute decision-making approach. Expert Systems With Applications, 2021, 166, 114051.	4.4	97
7	Expertise-Structure and Risk-Appetite-Integrated Two-Tiered Collective Opinion Generation Framework for Large-Scale Group Decision Making. IEEE Transactions on Fuzzy Systems, 2022, 30, 5496-5510.	6.5	88
8	Two-stage aggregation paradigm for HFLTS possibility distributions: A hierarchical clustering perspective. Expert Systems With Applications, 2018, 104, 43-66.	4.4	65
9	Sustainable building material selection: An integrated multi-criteria large group decision making framework. Applied Soft Computing Journal, 2021, 113, 107903.	4.1	63
10	Customizing Semantics for Individuals With Attitudinal HFLTS Possibility Distributions. IEEE Transactions on Fuzzy Systems, 2018, 26, 3452-3466.	6.5	62
11	A Note on Extension of TOPSIS to Multiple Criteria Decision Making with Pythagorean Fuzzy Sets. International Journal of Intelligent Systems, 2016, 31, 68-72.	3.3	50
12	An enhanced ordered weighted averaging operators generation algorithm with applications for multicriteria decision making. Applied Mathematical Modelling, 2019, 71, 467-490.	2.2	50
13	$K$ -means clustering for the aggregation of HFLTS possibility distributions: $N$ -two-stage algorithmic paradigm. Knowledge-Based Systems, 2021, 227, 107230.	4.0	45
14	Identifying and prioritizing factors affecting in-cabin passenger comfort on high-speed rail in China: A fuzzy-based linguistic approach. Applied Soft Computing Journal, 2020, 95, 106558.	4.1	44
15	Interval-valued Pythagorean Fuzzy Frank Power Aggregation Operators based on An Isomorphic Frank Dual Triple. International Journal of Computational Intelligence Systems, 2018, 11, 1091.	1.6	40
16	Bid Evaluation for Major Construction Projects Under Large-Scale Group Decision-Making Environment and Characterized Expertise Levels. International Journal of Computational Intelligence Systems, 2020, 13, 1227.	1.6	40
17	Financing equilibrium in a capital constrained supply Chain: The impact of credit rating. Transportation Research, Part E: Logistics and Transportation Review, 2022, 157, 102559.	3.7	39
18	On extended power average operators for decision-making: A case study in emergency response plan selection of civil aviation. Computers and Industrial Engineering, 2019, 130, 258-271.	3.4	35

#	ARTICLE	IF	CITATIONS
19	Generating HFLTS possibility distribution with an embedded assessing attitude. <i>Information Sciences</i> , 2017, 394-395, 141-166.	4.0	33
20	On Generalized Extended Bonferroni Means for Decision Making. <i>IEEE Transactions on Fuzzy Systems</i> , 2016, 24, 1525-1543.	6.5	32
21	Constructing the geometric Bonferroni mean from the generalized Bonferroni mean with several extensions to linguistic 2-tuples for decision-making. <i>Applied Soft Computing Journal</i> , 2019, 78, 595-613.	4.1	31
22	Individual Semantics Building for HFLTS Possibility Distribution With Applications in Domain-Specific Collaborative Decision Making. <i>IEEE Access</i> , 2018, 6, 78803-78828.	2.6	30
23	Evaluation and Selection of HazMat Transportation Alternatives: A PHFLTS- and TOPSIS-Integrated Multi-Perspective Approach. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4116.	1.2	29
24	Bid evaluation in civil construction under uncertainty: A two-stage LSP-ELECTRE III-based approach. <i>Engineering Applications of Artificial Intelligence</i> , 2020, 94, 103835.	4.3	28
25	Powerâ€averageâ€operatorâ€based hybrid multiattribute online product recommendation model for consumer decisionâ€making. <i>International Journal of Intelligent Systems</i> , 2021, 36, 2572-2617.	3.3	27
26	Manufacturerâ€™s selling mode choice in a platform-oriented dual channel supply chain. <i>Expert Systems With Applications</i> , 2022, 198, 116842.	4.4	27
27	Novel fusion strategies for continuous interval-valued q-rung orthopair fuzzy information: a case study in quality assessment of SmartWatch appearance design. <i>International Journal of Machine Learning and Cybernetics</i> , 2022, 13, 609-632.	2.3	24
28	Relative Basic Uncertain Information in Preference and Uncertain Involved Information Fusion. <i>International Journal of Computational Intelligence Systems</i> , 2022, 15, 1.	1.6	24
29	A Novel MAGDM Approach With Proportional Hesitant Fuzzy Sets. <i>International Journal of Computational Intelligence Systems</i> , 2018, 11, 256.	1.6	20
30	On Extending Power-Geometric Operators to Interval-Valued Hesitant Fuzzy Sets and Their Applications to Group Decision Making. <i>International Journal of Information Technology and Decision Making</i> , 2016, 15, 1055-1114.	2.3	19
31	Intuitionistic Fuzzy Multiple Criteria Group Decision Making: A Consolidated Model With Application to Emergency Plan Selection. <i>IEEE Access</i> , 2019, 7, 41958-41980.	2.6	19
32	Failure mode and effect analysis: A three-way decision approach. <i>Engineering Applications of Artificial Intelligence</i> , 2021, 106, 104505.	4.3	19
33	Assessing Spatial Synergy Between Integrated Urban Rail Transit System and Urban Form: A BULI-Based MCLSGA Model With the Wisdom of Crowds. <i>IEEE Transactions on Fuzzy Systems</i> , 2023, 31, 434-448.	6.5	19
34	Proportional hesitant 2â€tuple linguistic distance measurements and extended VIKOR method: Case study of evaluation and selection of green airport plans. <i>International Journal of Intelligent Systems</i> , 2022, 37, 4113-4162.	3.3	17
35	Heterogeneous Interrelationships among Attributes in Multi-Attribute Decision-Making: An Empirical Analysis. <i>International Journal of Computational Intelligence Systems</i> , 2019, 12, 984.	1.6	14
36	Retailer's selling mode choice under different competition forms. <i>International Transactions in Operational Research</i> , 2022, 29, 3712-3736.	1.8	13

#	ARTICLE	IF	CITATIONS
37	Comprehensive analysis of state-of-the-art contractor selection models in construction environment-A critical review and future call. <i>Socio-Economic Planning Sciences</i> , 2022, 79, 101137.	2.5	12
38	An Uncertain and Preference Evaluation Model with Basic Uncertain Information in Educational Management. <i>International Journal of Computational Intelligence Systems</i> , 2021, 14, 168.	1.6	12
39	Weight Vector Generation in Multi-Criteria Decision-Making with Basic Uncertain Information. <i>Mathematics</i> , 2022, 10, 572.	1.1	12
40	Revisiting the Role of Hesitant Multiplicative Preference Relations in Group Decision Making With Novel Consistency Improving and Consensus Reaching Processes. <i>International Journal of Computational Intelligence Systems</i> , 2019, 12, 1029.	1.6	11
41	Triangular intuitionistic fuzzy random decision making based on combination of parametric estimation, score functions, and prospect theory. <i>Journal of Intelligent and Fuzzy Systems</i> , 2016, 30, 3567-3581.	0.8	10
42	Urban Real Estate Market Early Warning Based on Support Vector Machine: A Case Study of Beijing. <i>International Journal of Computational Intelligence Systems</i> , 2020, 13, 153.	1.6	10
43	Effects of Online Consumer Reviews on a Dual-Channel Closed-Loop Supply Chain With Trade-In. <i>IEEE Transactions on Engineering Management</i> , 2024, 71, 2168-2183.	2.4	8
44	Commentary on "A new generalized improved score function of interval-valued intuitionistic fuzzy sets and applications in expert systems". <i>Applied Soft Computing Journal</i> , 2016, 49, 611-615.	4.1	6
45	A Framework for Triangular Fuzzy Random Multiple-Criteria Decision Making. <i>International Journal of Fuzzy Systems</i> , 2016, 18, 227-247.	2.3	6
46	Unsymmetrical basic uncertain information with some decision-making methods. <i>Journal of Intelligent and Fuzzy Systems</i> , 2022, 43, 4457-4463.	0.8	6
47	Site selection of high-speed railway station: A trapezoidal fuzzy neutrosophic-based consensual group decision-making approach. <i>Journal of Intelligent and Fuzzy Systems</i> , 2021, 40, 5347-5367.	0.8	5
48	Product design and pricing strategies in a closed-loop supply chain with patent protection. <i>Kybernetes</i> , 2022, 51, 3656-3680.	1.2	5
49	An integrated quality-function-deployment and stochastic-dominance-based decision-making approach for prioritizing product concept alternatives. <i>Complex &amp; Intelligent Systems</i> , 2022, 8, 2541-2556.	4.0	5
50	The Co-evolution of the Regional Logistics Network in the Chengdu-Chongqing Region Based on Node Attraction. <i>International Journal of Computational Intelligence Systems</i> , 2022, 15, 1.	1.6	5
51	GnIOWA operators and some weights allocation methods with their properties. <i>International Journal of Intelligent Systems</i> , 2021, 36, 2367-2386.	3.3	4
52	PARTIAL BACKORDERING INVENTORY MODEL WITH LIMITED STORAGE CAPACITY UNDER ORDER-SIZE DEPENDENT TRADE CREDIT. <i>Technological and Economic Development of Economy</i> , 2021, 28, 131-162.	2.3	4
53	Some bipolar-preferences-involved aggregation methods for a sequence of OWA weight vectors. <i>Soft Computing</i> , 2021, 25, 895-902.	2.1	3
54	Optimal versioning strategy of enterprise software considering the customer cost-acceptance level. <i>Kybernetes</i> , 2023, 52, 997-1026.	1.2	3

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55	EMBEDDED REMOTE GROUP ENVIRONMENT THROUGH MODIFICATION IN MACBETH “ AN APPLICATION OF CONTRACTOR’S SELECTION IN CONSTRUCTION. Journal of Civil Engineering and Management, 2021, 27, 595-616.	1.9	3
56	Dual Consensus Measure for Multi-perspective Multi-criteria Group Decision Making. , 2018, , .		2
57	Paradigm Shift Toward Aggregation Strategies in Proportional Hesitant Fuzzy Multi-Criteria Group Decision Making Models of Advanced Practice for Selecting Electric Vehicle Battery Supplier. IEEE Access, 2019, 7, 172534-172561.	2.6	2
58	Sustainable supplier selection using two-phase QFD and TOPSIS within PD-HFLTS context. , 2018, , .		1
59	Isomorphic Operators and Ranking Methods for Pythagorean and Intuitionistic Fuzzy Sets. , 2021, , 107-144.		0