

# Long-Hao Yang

## List of Publications by Year in descending order

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33  
papers

698  
citations

567281

15  
h-index

552781

26  
g-index

33  
all docs

33  
docs citations

33  
times ranked

236  
citing authors

#	ARTICLE	IF	CITATIONS
1	Belief rule based expert system for classification problems with new rule activation and weight calculation procedures. <i>Information Sciences</i> , 2016, 336, 75-91.	6.9	83
2	Multi-attribute search framework for optimizing extended belief rule-based systems. <i>Information Sciences</i> , 2016, 370-371, 159-183.	6.9	54
3	Belief Rule Base Structure and Parameter Joint Optimization Under Disjunctive Assumption for Nonlinear Complex System Modeling. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018, 48, 1542-1554.	9.3	51
4	Dynamic rule adjustment approach for optimizing belief rule-base expert system. <i>Knowledge-Based Systems</i> , 2016, 96, 40-60.	7.1	46
5	A data envelopment analysis (DEA)-based method for rule reduction in extended belief-rule-based systems. <i>Knowledge-Based Systems</i> , 2017, 123, 174-187.	7.1	43
6	A joint optimization method on parameter and structure for belief-rule-based systems. <i>Knowledge-Based Systems</i> , 2018, 142, 220-240.	7.1	38
7	A consistency analysis-based rule activation method for extended belief-rule-based systems. <i>Information Sciences</i> , 2018, 445-446, 50-65.	6.9	34
8	A disjunctive belief rule-based expert system for bridge risk assessment with dynamic parameter optimization model. <i>Computers and Industrial Engineering</i> , 2017, 113, 459-474.	6.3	33
9	A Micro-Extended Belief Rule-Based System for Big Data Multiclass Classification Problems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 420-440.	9.3	29
10	New activation weight calculation and parameter optimization for extended belief rule-based system based on sensitivity analysis. <i>Knowledge and Information Systems</i> , 2019, 60, 837-878.	3.2	28
11	Highly explainable cumulative belief rule-based system with effective rule-base modeling and inference scheme. <i>Knowledge-Based Systems</i> , 2022, 240, 107805.	7.1	23
12	Ensemble belief rule base modeling with diverse attribute selection and cautious conjunctive rule for classification problems. <i>Expert Systems With Applications</i> , 2020, 146, 113161.	7.6	21
13	Extended belief rule based system with joint learning for environmental governance cost prediction. <i>Ecological Indicators</i> , 2020, 111, 106070.	6.3	21
14	A heterogeneous multi-attribute case retrieval method for emergency decision making based on bidirectional projection and TODIM. <i>Expert Systems With Applications</i> , 2022, 203, 117382.	7.6	21
15	Extended belief-rule-based system with new activation rule determination and weight calculation for classification problems. <i>Applied Soft Computing Journal</i> , 2018, 72, 261-272.	7.2	16
16	A minimum centre distance rule activation method for extended belief rule-based classification systems. <i>Applied Soft Computing Journal</i> , 2020, 91, 106214.	7.2	16
17	An environmental pollution management method based on extended belief rule base and data envelopment analysis under interval uncertainty. <i>Computers and Industrial Engineering</i> , 2020, 144, 106454.	6.3	16
18	An improved fuzzy rule-based system using evidential reasoning and subtractive clustering for environmental investment prediction. <i>Fuzzy Sets and Systems</i> , 2021, 421, 44-61.	2.7	16

#	ARTICLE	IF	CITATIONS
19	A new environmental governance cost prediction method based on indicator synthesis and different risk coefficients. <i>Journal of Cleaner Production</i> , 2019, 212, 548-566.	9.3	15
20	Environmental investment prediction using extended belief rule-based system and evidential reasoning rule. <i>Journal of Cleaner Production</i> , 2021, 289, 125661.	9.3	15
21	Extended belief rule-based model for environmental investment prediction with indicator ensemble selection. <i>International Journal of Approximate Reasoning</i> , 2020, 126, 290-307.	3.3	14
22	Online updating extended belief rule-based system for sensor-based activity recognition. <i>Expert Systems With Applications</i> , 2021, 186, 115737.	7.6	11
23	A novel data-driven decision model based on extended belief rule base to predict China's carbon emissions. <i>Journal of Environmental Management</i> , 2022, 318, 115547.	7.8	11
24	Fuzzy rule based system with feature extraction for environmental governance cost prediction. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019, 37, 2337-2349.	1.4	10
25	An interval efficiency evaluation model for air pollution management based on indicators integration and different perspectives. <i>Journal of Cleaner Production</i> , 2020, 245, 118945.	9.3	9
26	A structure optimization method for extended belief-rule-based classification system. <i>Knowledge-Based Systems</i> , 2020, 203, 106096.	7.1	9
27	Research and Development Talents Training in China Universities—Based on the Consideration of Education Management Cost Planning. <i>Sustainability</i> , 2021, 13, 9583.	3.2	5
28	An ensemble extended belief rule base decision model for imbalanced classification problems. <i>Knowledge-Based Systems</i> , 2022, 242, 108410.	7.1	5
29	Enhancing extended belief rule-based systems for classification problems using decomposition strategy and overlap function. <i>International Journal of Machine Learning and Cybernetics</i> , 2022, 13, 811-837.	3.6	4
30	Dynamic Rule Activation Method Based on Activation Factor for Extended Belief Rule-based Systems. , 2021, , .		1
31	A new air pollution management method based on the integration of evidential reasoning and slacks-based measure. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020, 39, 6833-6848.	1.4	0
32	Improving Micro-Extended Belief Rule-Based System Using Activation Factor for Classification Problems. <i>Lecture Notes in Computer Science</i> , 2021, , 79-86.	1.3	0
33	Micro-extended belief rule-based system with activation factor and parameter optimization for industrial cost prediction. <i>International Journal of Machine Learning and Cybernetics</i> , 0, , 1.	3.6	0