Jinhai Li

List of Publications by Year in descending order

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62 papers	2,999 citations	186265 28 h-index	161849 54 g-index
63 all docs	63 docs citations	63 times ranked	788 citing authors

#	Article	IF	Citations
1	An iterative recommendation model of supporting personalized learning based on schematic patterns mining from schema-enhanced contexts of problem-solving. International Journal of Machine Learning and Cybernetics, 2023, 14, 93-115.	3.6	1
2	Semi-Supervised Concept Learning by Concept-Cognitive Learning and Concept Space. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 2429-2442.	5.7	27
3	Fuzzy-Based Concept Learning Method: Exploiting Data With Fuzzy Conceptual Clustering. IEEE Transactions on Cybernetics, 2022, 52, 582-593.	9.5	41
4	A dynamic rule-based classification model via granular computing. Information Sciences, 2022, 584, 325-341.	6.9	27
5	A further study on optimal scale selection in dynamic multi-scale decision information systems based on sequential three-way decisions. International Journal of Machine Learning and Cybernetics, 2022, 13, 1505-1515.	3.6	12
6	Fusing attribute reduction accelerators. Information Sciences, 2022, 587, 354-370.	6.9	23
7	Fuzzy Rule-Based Classification Method for Incremental Rule Learning. IEEE Transactions on Fuzzy Systems, 2022, 30, 3748-3761.	9.8	16
8	Knowledge discovery and updating under the evolution of network formal contexts based on three-way decision. Information Sciences, 2022, 601, 18-38.	6.9	19
9	Concept-Cognitive Learning Model for Incremental Concept Learning. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 809-821.	9.3	37
10	Accelerator for crosswise computing reduct. Applied Soft Computing Journal, 2021, 98, 106740.	7.2	12
11	Self-questioning dynamical evolutionary game with altruistic behavior and sharing mechanism in scale-free network. International Journal of Machine Learning and Cybernetics, 2021, 12, 2317-2325.	3.6	2
12	Active Incremental Feature Selection Using a Fuzzy-Rough-Set-Based Information Entropy. IEEE Transactions on Fuzzy Systems, 2020, 28, 901-915.	9.8	85
13	Optimal granule level selection: A granule description accuracy viewpoint. International Journal of Approximate Reasoning, 2020, 116, 85-105.	3.3	25
14	Granule description in knowledge granularity and representation. Knowledge-Based Systems, 2020, 203, 106160.	7.1	13
15	Complex network analysis of three-way decision researches. International Journal of Machine Learning and Cybernetics, 2020, 11, 973-987.	3.6	47
16	New advances in three-way decision, granular computing and concept lattice. International Journal of Machine Learning and Cybernetics, 2020, 11, 945-946.	3.6	19
17	Granule description based on positive and negative attributes. Granular Computing, 2019, 4, 337-350.	8.0	12
18	Concurrent concept-cognitive learning model for classification. Information Sciences, 2019, 496, 65-81.	6.9	33

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19	Granule description based knowledge discovery from incomplete formal contexts via necessary attribute analysis. Information Sciences, 2019, 485, 347-361.	6.9	31
20	Neighborhood attribute reduction: a multi-criterion approach. International Journal of Machine Learning and Cybernetics, 2019, 10, 731-742.	3.6	52
21	A quantitative approach to reasoning about incomplete knowledge. Information Sciences, 2018, 451-452, 100-111.	6.9	5
22	Parallel computing techniques for concept-cognitive learning based on granular computing. International Journal of Machine Learning and Cybernetics, 2018, 9, 1785-1805.	3.6	41
23	Influence of dynamical changes on concept lattice and implication rules. International Journal of Machine Learning and Cybernetics, 2018, 9, 795-805.	3.6	16
24	Rule acquisition and optimal scale selection in multi-scale formal decision contexts and their applications to smart city. Future Generation Computer Systems, 2018, 83, 564-581.	7.5	37
25	Three-way decisions, concept lattice and granular computing:ÂEditorial. International Journal of Machine Learning and Cybernetics, 2018, 9, 1765-1766.	3.6	12
26	Concepts reduction in formal concept analysis with fuzzy setting using Shannon entropy. International Journal of Machine Learning and Cybernetics, 2017, 8, 179-189.	3.6	54
27	Cognitive concept learning from incomplete information. International Journal of Machine Learning and Cybernetics, 2017, 8, 159-170.	3.6	36
28	Three-way cognitive concept learning via multi-granularity. Information Sciences, 2017, 378, 244-263.	6.9	319
29	Three-way concept learning based on cognitive operators: An information fusion viewpoint. International Journal of Approximate Reasoning, 2017, 83, 218-242.	3.3	83
30	Concept Compression in Formal Concept Analysis Using Entropy-Based Attribute Priority. Applied Artificial Intelligence, 2017, , 1-28.	3.2	3
31	Establishment of Cognitive Relations Based on Cognitive Informatics. Cognitive Computation, 2017, 9, 721-729.	5.2	18
32	Optimal scale selection in dynamic multi-scale decision tables based on sequential three-way decisions. Information Sciences, 2017, 415-416, 213-232.	6.9	101
33	An intensive study on rule acquisition in formal decision contexts based on minimal closed label concept lattices. Intelligent Automation and Soft Computing, 2017, 23, 519-533.	2.1	11
34	Comparison of reduction in formal decision contexts. International Journal of Approximate Reasoning, 2017, 80, 100-122.	3.3	81
35	Attribute Reduction: An Ensemble Strategy. Lecture Notes in Computer Science, 2017, , 362-375.	1.3	9
36	AFS-Based Formal Concept Analysis on Multi-valued Context. Lecture Notes in Computer Science, 2017, , 540-557.	1.3	0

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37	Granule description based on formal concept analysis. Knowledge-Based Systems, 2016, 104, 62-73.	7.1	40
38	Concept lattice compression in incomplete contexts based on K-medoids clustering. International Journal of Machine Learning and Cybernetics, 2016, 7, 539-552.	3.6	23
39	Knowledge representation using interval-valued fuzzy formal concept lattice. Soft Computing, 2016, 20, 1485-1502.	3.6	56
40	An information fusion technology for triadic decision contexts. International Journal of Machine Learning and Cybernetics, 2016, 7, 13-24.	3.6	19
41	Feature selection in mixed data: A method using a novel fuzzy rough set-based information entropy. Pattern Recognition, 2016, 56, 1-15.	8.1	253
42	A comparative study of multigranulation rough sets and concept lattices via rule acquisition. Knowledge-Based Systems, 2016, 91, 152-164.	7.1	147
43	ATTRIBUTE SIGNIFICANCE, CONSISTENCY MEASURE AND ATTRIBUTE REDUCTION IN FORMAL CONCEPT ANALYSIS. Neural Network World, 2016, 26, 607-623.	0.8	19
44	Cognitive concept learning via granular computing for big data. , 2015, , .		7
45	On inference rules in decision formal contexts. International Journal of Computational Intelligence Systems, 2015, 8, 175-186.	2.7	5
46	A local approach to rule induction in multi-scale decision tables. Knowledge-Based Systems, 2015, 89, 398-410.	7.1	59
47	Concept learning via granular computing: A cognitive viewpoint. Information Sciences, 2015, 298, 447-467.	6.9	250
48	Rule Acquisition in Formal Decision Contexts Based on Formal, Object-Oriented and Property-Oriented Concept Lattices. Scientific World Journal, The, 2014, 2014, 1-10.	2.1	2
49	Rule-preserved object compression in formal decision contexts using concept lattices. Knowledge-Based Systems, 2014, 71, 435-445.	7.1	43
50	Multi-confidence rule acquisition and confidence-preserved attribute reduction in interval-valued decision systems. International Journal of Approximate Reasoning, 2014, 55, 1787-1804.	3.3	35
51	Multi-confidence rule acquisition oriented attribute reduction of covering decision systems via combinatorial optimization. Knowledge-Based Systems, 2013, 50, 187-197.	7.1	29
52	On rule acquisition in decision formal contexts. International Journal of Machine Learning and Cybernetics, 2013, 4, 721-731.	3.6	76
53	Incomplete decision contexts: Approximate concept construction, rule acquisition and knowledge reduction. International Journal of Approximate Reasoning, 2013, 54, 149-165.	3.3	233
54	Weakly closed label concept lattice and its application to rule acquisition in decision formal contexts. , 2013, , .		2

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55	Knowledge reduction in formal decision contexts based on an order-preserving mapping. International Journal of General Systems, 2012, 41, 143-161.	2.5	40
56	Knowledge reduction in real decision formal contexts. Information Sciences, 2012, 189, 191-207.	6.9	98
57	A Heuristic Knowledge Reduction Algorithm for Real Decision Formal Contexts. Lecture Notes in Computer Science, 2012, , 303-312.	1.3	5
58	A heuristic knowledge-reduction method for decision formal contexts. Computers and Mathematics With Applications, 2011, 61, 1096-1106.	2.7	65
59	Knowledge reduction in decision formal contexts. Knowledge-Based Systems, 2011, 24, 709-715.	7.1	96
60	Granule Description of Incomplete Data: A Cognitive Viewpoint. Cognitive Computation, 0, , 1.	5.2	3
61	Optimal Granule Combination Selection Based on Multi-Granularity Triadic Concept Analysis. Cognitive Computation, 0, , 1.	5.2	6
62	Network rule extraction under the network formal context based on three-way decision. Applied Intelligence, 0, , .	5.3	4