Xibei Yang

List of Publications by Year
in descending order

42 papers	1,813 citations	236612 25 h-index	276539 41 g-index
42 all docs	42 docs citations	42 times ranked	579 citing authors

#	Article	IF	Citations
1	Test cost sensitive multigranulation rough set: Model and minimal cost selection. Information Sciences, 2013, 250, 184-199.	4.0	127
2	Multi-label learning with label-specific feature reduction. Knowledge-Based Systems, 2016, 104, 52-61.	4.0	120
3	Updating multigranulation rough approximations with increasing of granular structures. Knowledge-Based Systems, 2014, 64, 59-69.	4.0	108
4	Pseudo-label neighborhood rough set: Measures and attribute reductions. International Journal of Approximate Reasoning, 2019, 105, 112-129.	1.9	108
5	Neighborhood systems-based rough sets in incomplete information system. Knowledge-Based Systems, 2011, 24, 858-867.	4.0	102
6	Rough set based semi-supervised feature selection via ensemble selector. Knowledge-Based Systems, 2019, 165, 282-296.	4.0	102
7	An efficient selector for multi-granularity attribute reduction. Information Sciences, 2019, 505, 457-472.	4.0	101
8	Support vector machine-based optimized decision threshold adjustment strategy for classifying imbalanced data. Knowledge-Based Systems, 2015, 76, 67-78.	4.0	83
9	Ensemble selector for attribute reduction. Applied Soft Computing Journal, 2018, 70, 1-11.	4.1	80
10	Accelerator for supervised neighborhood based attribute reduction. International Journal of Approximate Reasoning, 2020, 119, 122-150.	1.9	72
11	Attribute group for attribute reduction. Information Sciences, 2020, 535, 64-80.	4.0	72
12	Fuzzy Support Vector Machine With Relative Density Information for Classifying Imbalanced Data. IEEE Transactions on Fuzzy Systems, 2019, 27, 2353-2367.	6.5	66
13	Accelerator for multi-granularity attribute reduction. Knowledge-Based Systems, 2019, 177, 145-158.	4.0	53
14	Neighborhood attribute reduction: a multi-criterion approach. International Journal of Machine Learning and Cybernetics, 2019, 10, 731-742.	2.3	52
15	Minimal decision cost reduct in fuzzy decision-theoretic rough set model. Knowledge-Based Systems, 2017, 126, 104-112.	4.0	48
16	Supervised information granulation strategy for attribute reduction. International Journal of Machine Learning and Cybernetics, 2020, 11, 2149-2163.	2.3	47
17	Cost-sensitive rough set approach. Information Sciences, 2016, 355-356, 282-298.	4.0	44
18	Dynamic updating multigranulation fuzzy rough set: approximations and reducts. International Journal of Machine Learning and Cybernetics, 2014, 5, 981-990.	2.3	43

#	Article	IF	Citations
19	Robust supervised rough granular description model with the principle of justifiable granularity. Applied Soft Computing Journal, 2021, 110, 107612.	4.1	36
20	Incremental fuzzy probability decision-theoretic approaches to dynamic three-way approximations. Information Sciences, 2021, 550, 71-90.	4.0	32
21	Quickly calculating reduct: An attribute relationship based approach. Knowledge-Based Systems, 2020, 200, 106014.	4.0	31
22	Granular ball guided selector for attribute reduction. Knowledge-Based Systems, 2021, 229, 107326.	4.0	29
23	Random sampling accelerator for attribute reduction. International Journal of Approximate Reasoning, 2022, 140, 75-91.	1.9	29
24	Granular cabin: An efficient solution to neighborhood learning in big data. Information Sciences, 2022, 583, 189-201.	4.0	29
25	Attribution reduction based on sequential three-way search of granularity. International Journal of Machine Learning and Cybernetics, 2021, 12, 1439-1458.	2.3	27
26	Label distribution learning: A local collaborative mechanism. International Journal of Approximate Reasoning, 2020, 121, 59-84.	1.9	26
27	Fusing attribute reduction accelerators. Information Sciences, 2022, 587, 354-370.	4.0	23
28	Multigranulation rough set: A multiset based strategy. International Journal of Computational Intelligence Systems, 2017, 10, 277.	1.6	21
29	Triple-G: a new MGRS and attribute reduction. International Journal of Machine Learning and Cybernetics, 2022, 13, 337-356.	2.3	18
30	Hierarchy on multigranulation structures: a knowledge distance approach. International Journal of General Systems, 2013, 42, 754-773.	1.2	13
31	Order based hierarchies on hesitant fuzzy approximation space. International Journal of Machine Learning and Cybernetics, 2019, 10, 1407-1422.	2.3	12
32	Accelerator for crosswise computing reduct. Applied Soft Computing Journal, 2021, 98, 106740.	4.1	12
33	Data-guided multi-granularity selector for attribute reduction. Applied Intelligence, 2021, 51, 876-888.	3.3	12
34	Neighborhood attribute reduction approach to partially labeled data. Granular Computing, 2020, 5, 239-250.	4.4	8
35	Gaussian kernel fuzzy rough based attribute reduction: An acceleration approach. Journal of Intelligent and Fuzzy Systems, 2020, 39, 679-695.	0.8	5
36	Neighborhood Attribute Reduction: A Multicriterion Strategy Based on Sample Selection. Information (Switzerland), 2018, 9, 282.	1.7	4

#	Article	IF	Citations
37	Neighborhood attribute reduction for imbalanced data. Granular Computing, 2019, 4, 301-311.	4.4	4
38	Combined Accelerator for Attribute Reduction: A Sample Perspective. Mathematical Problems in Engineering, 2020, 2020, 1-13.	0.6	4
39	Pseudolabel Decision-Theoretic Rough Set. Mathematical Problems in Engineering, 2019, 2019, 1-16.	0.6	3
40	Ensemble-Based Neighborhood Attribute Reduction: A Multigranularity View. Complexity, 2019, 2019, 1-17.	0.9	3
41	A Q-learning approach to attribute reduction. Applied Intelligence, 0, , .	3.3	3
42	Ensemble and Quick Strategy for Searching Reduct: A Hybrid Mechanism. Information (Switzerland), 2021, 12, 25.	1.7	1