Tzung-Pei Hong

List of Publications by Year
in descending order

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487 papers	8,444 citations	41258 49 h-index	71532 76 g-index
500 all docs	500 docs citations	500 times ranked	2772 citing authors

#	Article	IF	Citations
1	Induction of fuzzy rules and membership functions from training examples. Fuzzy Sets and Systems, 1996, 84, 33-47.	1.6	326
2	An effective tree structure for mining high utility itemsets. Expert Systems With Applications, 2011, 38, 7419-7424.	4.4	273
3	Mining association rules from quantitative data. Intelligent Data Analysis, 1999, 3, 363-376.	0.4	194
4	A new incremental data mining algorithm using pre-large itemsets1. Intelligent Data Analysis, 2001, 5, 111-129.	0.4	181
5	An efficient projection-based indexing approach for mining high utility itemsets. Knowledge and Information Systems, 2014, 38, 85-107.	2.1	171
6	Integrating fuzzy knowledge by genetic algorithms. IEEE Transactions on Evolutionary Computation, 1998, 2, 138-149.	7.5	134
7	Finding relevant attributes and membership functions. Fuzzy Sets and Systems, 1999, 103, 389-404.	1.6	132
8	TRADE-OFF BETWEEN COMPUTATION TIME AND NUMBER OF RULES FOR FUZZY MINING FROM QUANTITATIVE DATA. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2001, 09, 587-604.	0.9	131
9	Fuzzy data mining for interesting generalized association rules. Fuzzy Sets and Systems, 2003, 138, 255-269.	1.6	126
10	Mining association rules from quantitative dataâˆ†. Intelligent Data Analysis, 1999, 3, 363-376.	0.4	118
11	A new mining approach for uncertain databases using CUFP trees. Expert Systems With Applications, 2012, 39, 4084-4093.	4.4	111
12	A survey of incremental highâ€utility itemset mining. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2018, 8, e1242.	4.6	110
13	A GA-based Fuzzy Mining Approach to Achieve a Trade-off Between Number of Rules and Suitability of Membership Functions. Soft Computing, 2006, 10, 1091-1101.	2.1	104
14	The Pre-FUFP algorithm for incremental mining. Expert Systems With Applications, 2009, 36, 9498-9505.	4.4	104
15	Efficient algorithms for mining high-utility itemsets in uncertain databases. Knowledge-Based Systems, 2016, 96, 171-187.	4.0	103
16	Effective utility mining with the measure of average utility. Expert Systems With Applications, 2011, 38, 8259-8265.	4.4	102
17	Applying the maximum utility measure in high utility sequential pattern mining. Expert Systems With Applications, 2014, 41, 5071-5081.	4.4	100
18	The GA-based algorithms for optimizing hiding sensitive itemsets through transaction deletion. Applied Intelligence, 2015, 42, 210-230.	3.3	100

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19	An incremental mining algorithm for high utility itemsets. Expert Systems With Applications, 2012, 39, 7173-7180.	4.4	99
20	A binary PSO approach to mine high-utility itemsets. Soft Computing, 2017, 21, 5103-5121.	2.1	95
21	Mining high-utility itemsets based on particle swarm optimization. Engineering Applications of Artificial Intelligence, 2016, 55, 320-330.	4.3	93
22	Using TF-IDF to hide sensitive itemsets. Applied Intelligence, 2013, 38, 502-510.	3.3	92
23	An incremental mining algorithm for maintaining sequential patterns using pre-large sequences. Expert Systems With Applications, 2011, 38, 7051-7058.	4.4	88
24	A sanitization approach for hiding sensitive itemsets based on particle swarm optimization. Engineering Applications of Artificial Intelligence, 2016, 53, 1-18.	4.3	87
25	The Computational Intelligence of MoGo Revealed in Taiwan's Computer Go Tournaments. IEEE Transactions on Games, 2009, 1, 73-89.	1.7	85
26	An efficient algorithm to mine high average-utility itemsets. Advanced Engineering Informatics, 2016, 30, 233-243.	4.0	85
27	Discovery of high utility itemsets from on-shelf time periods of products. Expert Systems With Applications, 2011, 38, 5851-5857.	4.4	83
28	Mining of skyline patterns by considering both frequent and utility constraints. Engineering Applications of Artificial Intelligence, 2019, 77, 229-238.	4.3	83
29	Processing individual fuzzy attributes for fuzzy rule induction. Fuzzy Sets and Systems, 2000, 112, 127-140.	1.6	82
30	Mining association rules with multiple minimum supports using maximum constraints. International Journal of Approximate Reasoning, 2005, 40, 44-54.	1.9	82
31	DBV-Miner: A Dynamic Bit-Vector approach for fast mining frequent closed itemsets. Expert Systems With Applications, 2012, 39, 7196-7206.	4.4	82
32	Evolution of Appropriate Crossover and Mutation Operators in a Genetic Process. Applied Intelligence, 2002, 16, 7-17.	3.3	71
33	Simultaneously Applying Multiple Mutation Operators in Genetic Algorithms. Journal of Heuristics, 2000, 6, 439-455.	1.1	70
34	A fuzzy AprioriTid mining algorithm with reduced computational time. Applied Soft Computing Journal, 2004, 5, 1-10.	4.1	67
35	Efficient algorithms for mining up-to-date high-utility patterns. Advanced Engineering Informatics, 2015, 29, 648-661.	4.0	64
36	Mining frequent itemsets using the N-list and subsume concepts. International Journal of Machine Learning and Cybernetics, 2016, 7, 253-265.	2.3	64

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37	Multi-level fuzzy mining with multiple minimum supports. Expert Systems With Applications, 2008, 34, 459-468.	4.4	63
38	Metaheuristics for the Lifetime of WSN: A Review. IEEE Sensors Journal, 2016, 16, 2812-2831.	2.4	62
39	A lattice-based approach for mining most generalization association rules. Knowledge-Based Systems, 2013, 45, 20-30.	4.0	61
40	EHAUPM: Efficient High Average-Utility Pattern Mining With Tighter Upper Bounds. IEEE Access, 2017, 5, 12927-12940.	2.6	61
41	A fuzzy inductive learning strategy for modular rules. Fuzzy Sets and Systems, 1999, 103, 91-105.	1.6	60
42	Genetic-Fuzzy Data Mining With Divide-and-Conquer Strategy. IEEE Transactions on Evolutionary Computation, 2008, 12, 252-265.	7.5	60
43	Integrating membership functions and fuzzy rule sets from multiple knowledge sources. Fuzzy Sets and Systems, 2000, 112, 141-154.	1.6	59
44	FDHUP: Fast algorithm for mining discriminative high utility patterns. Knowledge and Information Systems, 2017, 51, 873-909.	2.1	59
45	Linguistic data mining with fuzzy FP-trees. Expert Systems With Applications, 2010, 37, 4560-4567.	4.4	58
46	EFFICIENTLY MINING HIGH AVERAGE-UTILITY ITEMSETS WITH AN IMPROVED UPPER-BOUND STRATEGY. International Journal of Information Technology and Decision Making, 2012, 11, 1009-1030.	2.3	57
47	Classification based on association rules: A lattice-based approach. Expert Systems With Applications, 2012, 39, 11357-11366.	4.4	53
48	On anonymizing transactions with sensitive items. Applied Intelligence, 2014, 41, 1043-1058.	3.3	52
49	Mining Fuzzy Multiple-Level Association Rules from Quantitative Data. Applied Intelligence, 2003, 18, 79-90.	3.3	51
50	Weighted frequent itemset mining over uncertain databases. Applied Intelligence, 2016, 44, 232-250.	3.3	50
51	CAR-Miner: An efficient algorithm for mining class-association rules. Expert Systems With Applications, 2013, 40, 2305-2311.	4.4	48
52	Efficient mining of high-utility itemsets using multiple minimum utility thresholds. Knowledge-Based Systems, 2016, 113, 100-115.	4.0	48
53	Incrementally mining high utility patterns based on pre-large concept. Applied Intelligence, 2014, 40, 343-357.	3.3	46
54	An effective parallel approach for genetic-fuzzy data mining. Expert Systems With Applications, 2014, 41, 655-662.	4.4	46

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55	On-shelf utility mining with negative item values. Expert Systems With Applications, 2014, 41, 3450-3459.	4.4	44
56	Efficiently Mining High Average Utility Itemsets with a Tree Structure. Lecture Notes in Computer Science, 2010, , 131-139.	1.0	44
57	Cluster-Based Evaluation in Fuzzy-Genetic Data Mining. IEEE Transactions on Fuzzy Systems, 2008, 16, 249-262.	6.5	43
58	Fast algorithms for mining high-utility itemsets with various discount strategies. Advanced Engineering Informatics, 2016, 30, 109-126.	4.0	43
59	Efficiently mining uncertain high-utility itemsets. Soft Computing, 2017, 21, 2801-2820.	2.1	43
60	An efficient approach for finding weighted sequential patterns from sequence databases. Applied Intelligence, 2014, 41, 439-452.	3.3	42
61	Efficiently Hiding Sensitive Itemsets with Transaction Deletion Based on Genetic Algorithms. Scientific World Journal, The, 2014, 2014, 1-13.	0.8	40
62	Efficient updating of discovered high-utility itemsets for transaction deletion in dynamic databases. Advanced Engineering Informatics, 2015, 29, 16-27.	4.0	40
63	Mining high average-utility itemsets. , 2009, , .		39
64	A survey of fuzzy web mining. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2013, 3, 190-199.	4.6	39
65	RWFIM: Recent weighted-frequent itemsets mining. Engineering Applications of Artificial Intelligence, 2015, 45, 18-32.	4.3	39
66	Cluster-based genetic segmentation of time series with DWT. Pattern Recognition Letters, 2009, 30, 1190-1197.	2.6	38
67	Mining from incomplete quantitative data by fuzzy rough sets. Expert Systems With Applications, 2010, 37, 2644-2653.	4.4	38
68	Fuzzy data mining for time-series data. Applied Soft Computing Journal, 2012, 12, 536-542.	4.1	38
69	A fast Algorithm for mining fuzzy frequent itemsets. Journal of Intelligent and Fuzzy Systems, 2015, 29, 2373-2379.	0.8	38
70	A New Method for Mining High Average Utility Itemsets. Lecture Notes in Computer Science, 2014, , 33-42.	1.0	38
71	A weighted N-list-based method for mining frequent weighted itemsets. Expert Systems With Applications, 2018, 96, 388-405.	4.4	37
72	A fast algorithm for mining high average-utility itemsets. Applied Intelligence, 2017, 47, 331-346.	3.3	36

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73	Fuzzy utility mining with upper-bound measure. Applied Soft Computing Journal, 2015, 30, 767-777.	4.1	35
74	A fast updated algorithm to maintain the discovered high-utility itemsets for transaction modification. Advanced Engineering Informatics, 2015, 29, 562-574.	4.0	33
75	Maintenance of fast updated frequent pattern trees for record deletion. Computational Statistics and Data Analysis, 2009, 53, 2485-2499.	0.7	32
76	Reducing Side Effects of Hiding Sensitive Itemsets in Privacy Preserving Data Mining. Scientific World Journal, The, 2014, 2014, 1-12.	0.8	32
77	A two-phase approach to mine short-period high-utility itemsets in transactional databases. Advanced Engineering Informatics, 2017, 33, 29-43.	4.0	32
78	Automatically integrating multiple rule sets in a distributed-knowledge environment. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 1998, 28, 471-476.	3.3	30
79	A CMFFP-tree algorithm to mine complete multiple fuzzy frequent itemsets. Applied Soft Computing Journal, 2015, 28, 431-439.	4.1	30
80	Mining fuzzy temporal association rules by item lifespans. Applied Soft Computing Journal, 2016, 41, 265-274.	4.1	29
81	Applying genetic programming technique in classification trees. Soft Computing, 2007, 11, 1165-1172.	2.1	28
82	An efficient method for mining non-redundant sequential rules using attributed prefix-trees. Engineering Applications of Artificial Intelligence, 2014, 32, 88-99.	4.3	28
83	Using group genetic algorithm to improve performance of attribute clustering. Applied Soft Computing Journal, 2015, 29, 371-378.	4.1	28
84	Knowledge acquisition from quantitative data using the rough-set theory. Intelligent Data Analysis, 2000, 4, 289-304.	0.4	27
85	An improved approach to find membership functions and multiple minimum supports in fuzzy data mining. Expert Systems With Applications, 2009, 36, 10016-10024.	4.4	27
86	A load-balanced distributed parallel mining algorithm. Expert Systems With Applications, 2010, 37, 2459-2464.	4.4	27
87	Efficient Algorithm for Mining Non-Redundant High-Utility Association Rules. Sensors, 2020, 20, 1078.	2.1	27
88	SFCM: A Fuzzy Clustering Algorithm of Extracting the Shape Information of Data. IEEE Transactions on Fuzzy Systems, 2021, 29, 75-89.	6.5	27
89	An effective mining approach for up-to-date patterns. Expert Systems With Applications, 2009, 36, 9747-9752.	4.4	26
90	A GA-Based Approach to Hide Sensitive High Utility Itemsets. Scientific World Journal, The, 2014, 2014, 1-12.	0.8	26

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91	A novel method for constrained class association rule mining. Information Sciences, 2015, 320, 107-125.	4.0	26
92	Inductive learning from fuzzy examples. , 0, , .		25
93	A genetic-fuzzy mining approach for items with multiple minimum supports. Soft Computing, 2009, 13, 521-533.	2.1	25
94	An effective approach for maintenance of pre-large-based frequent-itemset lattice in incremental mining. Applied Intelligence, 2014, 41, 759-775.	3.3	25
95	An Overview of Mining Fuzzy Association Rules. , 2008, , 397-410.		24
96	Projection-based partial periodic pattern mining for event sequences. Expert Systems With Applications, 2013, 40, 4232-4240.	4.4	24
97	An Incremental High-Utility Mining Algorithm with Transaction Insertion. Scientific World Journal, The, 2015, 2015, 1-15.	0.8	24
98	Effective Quality-Aware Sensor Data Management. IEEE Transactions on Emerging Topics in Computational Intelligence, 2018, 2, 65-77.	3.4	24
99	Mining fuzzy sequential patterns from quantitative transactions. Soft Computing, 2006, 10, 925-932.	2.1	23
100	Mining fuzzy frequent itemsets based on UBFFP trees. Journal of Intelligent and Fuzzy Systems, 2014, 27, 535-548.	0.8	23
101	THE MFFPâ€TREE FUZZY MINING ALGORITHM TO DISCOVER COMPLETE LINGUISTIC FREQUENT ITEMSETS. Computational Intelligence, 2014, 30, 145-166.	2.1	22
102	Efficient hiding of confidential high-utility itemsets with minimal side effects. Journal of Experimental and Theoretical Artificial Intelligence, 2017, 29, 1225-1245.	1.8	22
103	Efficient Algorithms for Mining Erasable Closed Patterns From Product Datasets. IEEE Access, 2017, 5, 3111-3120.	2.6	22
104	Mining fuzzy association rules using a memetic algorithm based on structure representation. Memetic Computing, 2018, 10, 15-28.	2.7	22
105	A High-Performance Genetic Algorithm: Using Traveling Salesman Problem as a Case. Scientific World Journal, The, 2014, 2014, 1-14.	0.8	21
106	An Incremental FUSP-Tree Maintenance Algorithm. , 2008, , .		20
107	An ACS-based framework for fuzzy data mining. Expert Systems With Applications, 2009, 36, 11844-11852.	4.4	20
108	A Two-Dimensional Genetic Algorithm and Its Application to Aircraft Scheduling Problem. Mathematical Problems in Engineering, 2015, 2015, 1-12.	0.6	20

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109	A dynamic mutation genetic algorithm. , 0, , .		19
110	MOGA-based fuzzy data mining with taxonomy. Knowledge-Based Systems, 2013, 54, 53-65.	4.0	19
111	Efficiently mining of skyline frequent-utility patterns. Intelligent Data Analysis, 2017, 21, 1407-1423.	0.4	19
112	Incrementally updating the discovered sequential patterns based on pre-large concept. Intelligent Data Analysis, 2015, 19, 1071-1089.	0.4	18
113	A New Clinical Spectrum for the Assessment of Nonalcoholic Fatty Liver Disease Using Intelligent Methods. IEEE Access, 2020, 8, 138470-138480.	2.6	18
114	An efficient and effective association-rule maintenance algorithm for record modification. Expert Systems With Applications, 2010, 37, 618-626.	4.4	17
115	Computational awareness for smart grid: a review. International Journal of Machine Learning and Cybernetics, 2014, 5, 151-163.	2.3	17
116	Mining Correlated High Utility Itemsets in One Phase. IEEE Access, 2020, 8, 90465-90477.	2.6	17
117	An Efficient Method for Mining Closed Potential High-Utility Itemsets. IEEE Access, 2020, 8, 31813-31822.	2.6	17
118	Efficient algorithms for mining clickstream patterns using pseudo-IDLists. Future Generation Computer Systems, 2020, 107, 18-30.	4.9	17
119	Hiding collaborative recommendation association rules. Applied Intelligence, 2007, 27, 67-77.	3.3	16
120	A multi-level ant-colony mining algorithm for membership functions. Information Sciences, 2012, 182, 3-14.	4.0	16
121	Feature selection and replacement by clustering attributes. Vietnam Journal of Computer Science, 2014, 1, 47-55.	1.0	16
122	Anonymizing Shortest Paths on Social Network Graphs. Lecture Notes in Computer Science, 2011, , 129-136.	1.0	16
123	A fuzzy data mining algorithm for quantitative values. , 0, , .		15
124	Mining rules from an incomplete dataset with a high missing rate. Expert Systems With Applications, 2011, 38, 3931-3936.	4.4	15
125	Maintaining the discovered sequential patterns for sequence insertion in dynamic databases. Engineering Applications of Artificial Intelligence, 2014, 35, 131-142.	4.3	15
126	Discovery of temporal association rules with hierarchical granular framework. Applied Computing and Informatics, 2016, 12, 134-141.	3.7	15

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127	Temporal-Based Fuzzy Utility Mining. IEEE Access, 2017, 5, 26639-26652.	2.6	15
128	Incrementally Updating High-Utility Itemsets with Transaction Insertion. Lecture Notes in Computer Science, 2014, , 44-56.	1.0	15
129	A Fast Updated Frequent Pattern Tree. , 2006, , .		14
130	Attribute Clustering in High Dimensional Feature Spaces. , 2007, , .		14
131	An Incremental Mining Algorithm for High Average-Utility Itemsets. , 2009, , .		14
132	Fuzzy Association Rule Mining with Type-2 Membership Functions. Lecture Notes in Computer Science, 2015, , 128-134.	1.0	14
133	A fast maintenance algorithm of the discovered high-utility itemsets with transaction deletion. Intelligent Data Analysis, 2016, 20, 891-913.	0.4	14
134	Genetic algorithm with a structure-based representation for genetic-fuzzy data mining. Soft Computing, 2017, 21, 2871-2882.	2.1	14
135	Efficiently updating the discovered high average-utility itemsets with transaction insertion. Engineering Applications of Artificial Intelligence, 2018, 72, 136-149.	4.3	14
136	A New Probabilistic Induction Method. Journal of Automated Reasoning, 1997, 18, 5-24.	1.1	13
137	Segmentation of Time Series by the Clustering and Genetic Algorithms. , 2006, , .		13
138	MSGPs: A Novel Algorithm for Mining Sequential Generator Patterns. Lecture Notes in Computer Science, 2012, , 393-401.	1.0	13
139	Finding Pareto-front Membership Functions in Fuzzy Data Mining. International Journal of Computational Intelligence Systems, 2012, 5, 343-354.	1.6	13
140	Time series pattern discovery by a PIP-based evolutionary approach. Soft Computing, 2013, 17, 1699-1710.	2.1	13
141	Edge types vs privacy in K-anonymization of shortest paths. Applied Soft Computing Journal, 2015, 31, 348-359.	4.1	13
142	Efficiently mining frequent itemsets with weight and recency constraints. Applied Intelligence, 2017, 47, 769-792.	3.3	13
143	Mining Weighted Frequent Itemsets without Candidate Generation in Uncertain Databases. International Journal of Information Technology and Decision Making, 2017, 16, 1549-1579.	2.3	13
144	Efficient Mining of Multiple Fuzzy Frequent Itemsets. International Journal of Fuzzy Systems, 2017, 19, 1032-1040.	2.3	13

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145	Efficiently Updating the Discovered Multiple Fuzzy Frequent Itemsets with Transaction Insertion. International Journal of Fuzzy Systems, 2018, 20, 2440-2457.	2.3	13
146	An Effective Approach for the Diverse Group Stock Portfolio Optimization Using Grouping Genetic Algorithm. IEEE Access, 2019, 7, 155871-155884.	2.6	13
147	Efficient Mining of High Average-Utility Itemsets with Multiple Minimum Thresholds. Lecture Notes in Computer Science, 2016, , 14-28.	1.0	13
148	GENETIC-FUZZY MINING WITH TAXONOMY. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2012, 20, 187-205.	0.9	12
149	An Efficient Incremental Mining Approach Based on IT-Tree. , 2012, , .		12
150	Mining high coherent association rules with consideration of support measure. Expert Systems With Applications, 2013, 40, 6531-6537.	4.4	12
151	A Hybrid Approach for Mining Frequent Itemsets. , 2013, , .		12
152	Efficiently Maintaining the Fast Updated Sequential Pattern Trees With Sequence Deletion. IEEE Access, 2014, 2, 1374-1383.	2.6	12
153	Maintenance of prelarge trees for data mining with modified records. Information Sciences, 2014, 278, 88-103.	4.0	12
154	An UBMFFP Tree for Mining Multiple Fuzzy Frequent Itemsets. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2015, 23, 861-879.	0.9	12
155	Mining high utility itemsets for transaction deletion in a dynamic database. Intelligent Data Analysis, 2015, 19, 43-55.	0.4	12
156	PTA: An Efficient System for Transaction Database Anonymization. IEEE Access, 2016, 4, 6467-6479.	2.6	12
157	Mining non-redundant sequential rules with dynamic bit vectors and pruning techniques. Applied Intelligence, 2016, 45, 333-342.	3.3	12
158	Effective fuzzy possibilistic c-means: an analyzing cancer medical database. Soft Computing, 2017, 21, 2835-2845.	2.1	12
159	Using Tree Structure to Mine High Temporal Fuzzy Utility Itemsets. IEEE Access, 2020, 8, 153692-153706.	2.6	12
160	Mining fuzzy rules from quantitative data based on the AprioriTid algorithm. , 2000, , .		11
161	Allocating Multiple Base Stations under General Power Consumption by the Particle Swarm Optimization. , 2007, , .		11
162	Using the Structure of Prelarge Trees to Incrementally Mine Frequent Itemsets. New Generation Computing, 2010, 28, 5-20.	2.5	11

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163	Risk-neutral evaluation of information security investment on data centers. Journal of Intelligent Information Systems, 2011, 36, 329-345.	2.8	11
164	Robust fuzzy clustering algorithms in analyzing high-dimensional cancer databases. Applied Soft Computing Journal, 2015, 35, 199-213.	4.1	11
165	Fast updated frequent-itemset lattice for transaction deletion. Data and Knowledge Engineering, 2015, 96-97, 78-89.	2.1	11
166	A Swarm-Based Approach to Mine High-Utility Itemsets. Communications in Computer and Information Science, 2015, , 572-581.	0.4	11
167	An Efficient Method for Mining Top-K Closed Sequential Patterns. IEEE Access, 2020, 8, 118156-118163.	2.6	11
168	Cluster-Based Membership Function Acquisition Approaches for Mining Fuzzy Temporal Association Rules. IEEE Access, 2020, 8, 123996-124006.	2.6	11
169	Linguistic object-oriented web-usage mining. International Journal of Approximate Reasoning, 2008, 48, 47-61.	1.9	10
170	Efficient updating of sequential patterns with transaction insertion. Intelligent Data Analysis, 2014, 18, 1013-1026.	0.4	10
171	Fuzzy Inductive Learning Strategies. Applied Intelligence, 2003, 18, 179-193.	3.3	9
172	A Genetic-Fuzzy Mining Approach for Items with Multiple Minimum Supports. IEEE International Conference on Fuzzy Systems, 2007, , .	0.0	9
173	A novel ontology for computer go knowledge management. , 2009, , .		9
174	ECG signal analysis by using Hidden Markov model. , 2012, , .		9
175	Enhancing the Efficiency in Mining Weighted Frequent Itemsets. , 2013, , .		9
176	A two-phase approach for mining weighted partial periodic patterns. Engineering Applications of Artificial Intelligence, 2014, 30, 225-234.	4.3	9
177	Using grouping genetic algorithm to mine diverse group stock portfolio. , 2016, , .		9
178	An incremental mining algorithm for erasable itemsets. , 2017, , .		9
179	Maintenance of Association Rules Using Pre-Large Itemsets. , 2007, , 44-60.		9
180	Mining Fuzzy Multiple-level Association Rules under Multiple Minimum Supports. , 2006, , .		8

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181	An Efficient FUSP-Tree Update Algorithm for Deleted Data in Customer Sequences. , 2009, , .		8
182	AN EFFECTIVE ATTRIBUTE CLUSTERING APPROACH FOR FEATURE SELECTION AND REPLACEMENT. Cybernetics and Systems, 2009, 40, 657-669.	1.6	8
183	A SPEA2-based genetic-fuzzy mining algorithm. , 2010, , .		8
184	Genetic-fuzzy mining with multiple minimum supports based on fuzzy clustering. Soft Computing, 2011, 15, 2319-2333.	2.1	8
185	A continuous ant colony system framework for fuzzy data mining. Soft Computing, 2012, 16, 2071-2082.	2.1	8
186	Revisiting the Design of Adaptive Migration Schemes for Multipopulation Genetic Algorithms. , 2012, , .		8
187	Mining high fuzzy utility sequential patterns. , 2013, , .		8
188	Tightening upper bounds for mining weighted frequent itemsets. Intelligent Data Analysis, 2015, 19, 413-429.	0.4	8
189	Mining Multiple Fuzzy Frequent Patterns with Compressed List Structures. , 2020, , .		8
190	Incremental Mining with Prelarge Trees. Lecture Notes in Computer Science, 2008, , 169-178.	1.0	8
191	A Heuristic Data-Sanitization Approach Based on TF-IDF. Lecture Notes in Computer Science, 2011, , 156-164.	1.0	8
192	Mining weighted browsing patterns with linguistic minimum supports. , 0, , .		7
193	A Comparison of Different Fitness Functions for Extracting Membership Functions Used in Fuzzy Data Mining. , 2007, , .		7
194	PROVIDING TIMELY UPDATED SEQUENTIAL PATTERNS IN DECISION MAKING. International Journal of Information Technology and Decision Making, 2010, 09, 873-888.	2.3	7
195	Anonymizing Set-Valued Social Data. , 2010, , .		7
196	Mining complete fuzzy frequent itemsets by tree structures. , 2010, , .		7
197	Degree Anonymization for K-Shortest-Path Privacy. , 2013, , .		7
198	Empirical comparison of level-wise hierarchical multi-population genetic algorithm. Journal of Information and Telecommunication, 2017, 1, 66-78.	2.2	7

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199	Fast music retrieval with advanced acoustic features. , 2017, , .		7
200	CoUPM: Correlated Utility-based Pattern Mining. , 2018, , .		7
201	A Bitmap Approach for Mining Erasable Itemsets. IEEE Access, 2021, 9, 106029-106038.	2.6	7
202	Mining from quantitative data with linguistic minimum supports and confidences. , 0, , .		6
203	Using divide-and-conquer GA strategy in fuzzy data mining. , 0, , .		6
204	Mining High-Utility Itemsets with Multiple Minimum Utility Thresholds. , 2008, , .		6
205	An evolutionary attribute clustering and selection method based on feature similarity. , 2010, , .		6
206	Temporal data mining with up-to-date pattern trees. Expert Systems With Applications, 2011, 38, 15143-15150.	4.4	6
207	Special issue on data mining for decision making and risk management. Journal of Intelligent Information Systems, 2011, 36, 249-251.	2.8	6
208	SHORTEST PATHS ANONYMIZATION ON WEIGHTED GRAPHS. International Journal of Software Engineering and Knowledge Engineering, 2013, 23, 65-79.	0.6	6
209	Mining high-utility itemsets with various discount strategies. , 2015, , .		6
210	Finding Active Membership Functions for Genetic-Fuzzy Data Mining. International Journal of Information Technology and Decision Making, 2015, 14, 1215-1242.	2.3	6
211	Maintaining the discovered high-utility itemsets with transaction modification. Applied Intelligence, 2016, 44, 166-178.	3.3	6
212	Quasi-erasable itemset mining. , 2017, , .		6
213	Mining Discriminative High Utility Patterns. Lecture Notes in Computer Science, 2016, , 219-229.	1.0	6
214	An Advanced Optimization Approach for Long-Short Pairs Trading Strategy Based on Correlation Coefficients and Bollinger Bands. Applied Sciences (Switzerland), 2022, 12, 1052.	1.3	6
215	Maintenance of discovered sequential patterns for record deletion1. Intelligent Data Analysis, 2002, 6, 399-410.	0.4	5
216	On adapting migration parameters for multi-population genetic algorithms. , 0, , .		5

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217	Learning coverage rules from incomplete data based on rough sets. , 0, , .		5
218	Using the Master-Slave Parallel Architecture for Genetic-Fuzzy Data Mining. , 0, , .		5
219	AN IMPROVED KNOWLEDGE-ACQUISITION STRATEGY BASED ON GENETIC PROGRAMMING. Cybernetics and Systems, 2008, 39, 672-685.	1.6	5
220	Incrementally fast updated sequential pattern trees. , 2008, , .		5
221	Speeding up genetic-fuzzy mining by fuzzy clustering. , 2009, , .		5
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