

Bay Vo

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

126
papers

1,947
citations

24
h-index

36
g-index

127
ext. papers

2,414
ext. citations

4.4
avg, IF

5.62
L-index

#	Paper	IF	Citations
126	Efficient mining of cross-level high-utility itemsets in taxonomy quantitative databases. <i>Information Sciences</i> , 2022 , 587, 41-62	7.7	1
125	An efficient method for mining sequential patterns with indices. <i>Knowledge-Based Systems</i> , 2022 , 239, 107946	7.3	
124	An efficient parallel algorithm for mining weighted clickstream patterns. <i>Information Sciences</i> , 2022 , 582, 349-368	7.7	3
123	OWGraMi: Efficient Method for Mining Weighted Subgraphs in a Single Graph. <i>Expert Systems With Applications</i> , 2022 , 117625	7.8	0
122	Mining frequent weighted utility itemsets in hierarchical quantitative databases. <i>Knowledge-Based Systems</i> , 2021 , 107709	7.3	2
121	A Method for Closed Frequent Subgraph Mining in a Single Large Graph. <i>IEEE Access</i> , 2021 , 9, 165719-165733	3.3	4
120	RHUPS. <i>ACM Transactions on Intelligent Systems and Technology</i> , 2021 , 12, 1-27	8	4
119	. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 29, 75-89	8.3	9
118	Efficient list based mining of high average utility patterns with maximum average pruning strategies. <i>Information Sciences</i> , 2021 , 543, 85-105	7.7	21
117	Mining frequent weighted closed itemsets using the WN-list structure and an early pruning strategy. <i>Applied Intelligence</i> , 2021 , 51, 1439-1459	4.9	5
116	Approximate high utility itemset mining in noisy environments. <i>Knowledge-Based Systems</i> , 2021 , 212, 106596	7.3	10
115	A multiple multilayer perceptron neural network with an adaptive learning algorithm for thyroid disease diagnosis in the internet of medical things. <i>Journal of Supercomputing</i> , 2021 , 77, 3616-3637	2.5	15
114	A Sliding Window-Based Approach for Mining Frequent Weighted Patterns Over Data Streams. <i>IEEE Access</i> , 2021 , 9, 56318-56329	3.5	2
113	An Efficient Approach for Mining High-Utility Itemsets from Multiple Abstraction Levels. <i>Lecture Notes in Computer Science</i> , 2021 , 92-103	0.9	1
112	A Novel Approach for Mining Closed Clickstream Patterns. <i>Cybernetics and Systems</i> , 2021 , 52, 328-349	1.9	1
111	Efficient algorithms for mining closed high utility itemsets in dynamic profit databases. <i>Expert Systems With Applications</i> , 2021 , 186, 115741	7.8	0
110	Pre-Large based Utility-Oriented Data Analytics for Transaction Modifications in Internet of Things. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	0

109	Mining top-rank-k frequent weighted itemsets using WN-list structures and an early pruning strategy. <i>Knowledge-Based Systems</i> , 2020 , 201-202, 106064	7.3	8
108	Erasable pattern mining based on tree structures with damped window over data streams. <i>Engineering Applications of Artificial Intelligence</i> , 2020 , 94, 103735	7.2	8
107	Mining Correlated High Utility Itemsets in One Phase. <i>IEEE Access</i> , 2020 , 8, 90465-90477	3.5	10
106	A Multi-Core Approach to Efficiently Mining High-Utility Itemsets in Dynamic Profit Databases. <i>IEEE Access</i> , 2020 , 8, 85890-85899	3.5	15
105	Efficient Approach for Damped Window-Based High Utility Pattern Mining With List Structure. <i>IEEE Access</i> , 2020 , 8, 50958-50968	3.5	12
104	Fast and scalable algorithms for mining subgraphs in a single large graph. <i>Engineering Applications of Artificial Intelligence</i> , 2020 , 90, 103539	7.2	9
103	Succinct contrast sets via false positive controlling with an application in clinical process redesign. <i>Expert Systems With Applications</i> , 2020 , 161, 113670	7.8	1
102	Efficient Algorithm for Mining Non-Redundant High-Utility Association Rules. <i>Sensors</i> , 2020 , 20,	3.8	14
101	An Efficient Method for Mining Closed Potential High-Utility Itemsets. <i>IEEE Access</i> , 2020 , 8, 31813-31822,	3.5	11
100	Mining top-k frequent patterns from uncertain databases. <i>Applied Intelligence</i> , 2020 , 50, 1487-1497	4.9	10
99	Efficient algorithms for mining clickstream patterns using pseudo-IDLists. <i>Future Generation Computer Systems</i> , 2020 , 107, 18-30	7.5	9
98	A Fast Algorithm for Mining Closed Inter-transaction Patterns. <i>Lecture Notes in Computer Science</i> , 2020 , 820-831	0.9	1
97	Sequential Pattern Mining Using IDLists. <i>Lecture Notes in Computer Science</i> , 2020 , 341-353	0.9	0
96	Efficient Method for Mining Maximal Inter-transaction Patterns. <i>Lecture Notes in Computer Science</i> , 2020 , 316-327	0.9	1
95	Periodicity-Oriented Data Analytics on Time-Series Data for Intelligence System. <i>IEEE Systems Journal</i> , 2020 , 1-12	4.3	1
94	Mining Maximal High Utility Itemsets on Dynamic Profit Databases. <i>Cybernetics and Systems</i> , 2020 , 51, 140-160	1.9	6
93	Mining weighted subgraphs in a single large graph. <i>Information Sciences</i> , 2020 , 514, 149-165	7.7	24
92	An N-List-Based Approach for Mining Frequent Inter-Transaction Patterns. <i>IEEE Access</i> , 2020 , 8, 116840-116851	3.5	11

91	An Efficient Method for Mining Top-K Closed Sequential Patterns. <i>IEEE Access</i> , 2020 , 8, 118156-118163	3.5	5
90	Multiswarm Multiobjective Particle Swarm Optimization with Simulated Annealing for Extracting Multiple Tests. <i>Scientific Programming</i> , 2020 , 2020, 1-15	1.4	2
89	Efficient transaction deleting approach of pre-large based high utility pattern mining in dynamic databases. <i>Future Generation Computer Systems</i> , 2020 , 103, 58-78	7.5	23
88	F-Mapper: A Fuzzy Mapper clustering algorithm. <i>Knowledge-Based Systems</i> , 2020 , 189, 105107	7.3	12
87	Efficient methods for mining weighted clickstream patterns. <i>Expert Systems With Applications</i> , 2020 , 142, 112993	7.8	16
86	High Utility Association Rule Mining. <i>Studies in Big Data</i> , 2019 , 161-174	0.9	3
85	An efficient method for mining high utility closed itemsets. <i>Information Sciences</i> , 2019 , 495, 78-99	7.7	36
84	A fast and accurate approach for bankruptcy forecasting using squared logistics loss with GPU-based extreme gradient boosting. <i>Information Sciences</i> , 2019 , 494, 294-310	7.7	28
83	Mining high-utility itemsets in dynamic profit databases. <i>Knowledge-Based Systems</i> , 2019 , 175, 130-144	7.3	39
82	Multi-Swarm Single-Objective Particle Swarm Optimization to Extract Multiple-Choice Tests. <i>Vietnam Journal of Computer Science</i> , 2019 , 06, 147-161	0.8	5
81	A Hybrid Approach Using Oversampling Technique and Cost-Sensitive Learning for Bankruptcy Prediction. <i>Complexity</i> , 2019 , 2019, 1-12	1.6	30
80	Mining class association rules on imbalanced class datasets. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019 , 37, 7131-7139	1.6	3
79	Improving Electric Energy Consumption Prediction Using CNN and Bi-LSTM. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 4237	2.6	67
78	An Efficient Algorithm for Mining Frequent Closed Inter- Transaction Patterns 2019 ,		4
77	SPPC: a new tree structure for mining erasable patterns in data streams. <i>Applied Intelligence</i> , 2019 , 49, 478-495	4.9	11
76	A Weighted Approach for Class Association Rules. <i>Studies in Computational Intelligence</i> , 2018 , 213-222	0.8	
75	Mining sequential patterns with itemset constraints. <i>Knowledge and Information Systems</i> , 2018 , 57, 311-330		24
74	Mining constrained inter-sequence patterns: a novel approach to cope with item constraints. <i>Applied Intelligence</i> , 2018 , 48, 1327-1343	4.9	16

73	A weighted N-list-based method for mining frequent weighted itemsets. <i>Expert Systems With Applications</i> , 2018 , 96, 388-405	7.8	24
72	Constraint-Based Method for Mining Colossal Patterns in High Dimensional Databases. <i>Advances in Intelligent Systems and Computing</i> , 2018 , 195-204	0.4	1
71	Efficient method for updating class association rules in dynamic datasets with record deletion. <i>Applied Intelligence</i> , 2018 , 48, 1491-1505	4.9	6
70	An efficient approach for mining sequential patterns using multiple threads on very large databases. <i>Engineering Applications of Artificial Intelligence</i> , 2018 , 74, 242-251	7.2	15
69	An Improved Algorithm for Mining Top-k Association Rules. <i>Advances in Intelligent Systems and Computing</i> , 2018 , 117-128	0.4	
68	Efficient algorithms for mining top-rank- k erasable patterns using pruning strategies and the subsume concept. <i>Engineering Applications of Artificial Intelligence</i> , 2018 , 68, 1-9	7.2	27
67	An Efficient Method for Mining Erasable Itemsets Using Multicore Processor Platform. <i>Complexity</i> , 2018 , 2018, 1-9	1.6	3
66	Efficient algorithms for mining colossal patterns in high dimensional databases. <i>Knowledge-Based Systems</i> , 2017 , 122, 75-89	7.3	12
65	A lattice-based approach for mining high utility association rules. <i>Information Sciences</i> , 2017 , 399, 81-97	7.7	42
64	Text Clustering Using Frequent Weighted Utility Itemsets. <i>Cybernetics and Systems</i> , 2017 , 48, 193-209	1.9	14
63	A survey of itemset mining. <i>Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery</i> , 2017 , 7, e1207	6.9	105
62	Mining top- k co-occurrence items with sequential pattern. <i>Expert Systems With Applications</i> , 2017 , 85, 123-133	7.8	25
61	Mining Class Association Rules with Synthesis Constraints. <i>Lecture Notes in Computer Science</i> , 2017 , 556-565	5.5	1
60	A fast algorithm for mining high average-utility itemsets. <i>Applied Intelligence</i> , 2017 , 47, 331-346	4.9	28
59	Efficient Algorithms for Mining Erasable Closed Patterns From Product Datasets. <i>IEEE Access</i> , 2017 , 5, 3111-3120	3.5	16
58	A method for mining top-rank-k frequent closed itemsets. <i>Journal of Intelligent and Fuzzy Systems</i> , 2017 , 32, 1297-1305	1.6	9
57	A novel approach for mining maximal frequent patterns. <i>Expert Systems With Applications</i> , 2017 , 73, 178-186	7.8	33
56	ETARM: an efficient top-k association rule mining algorithm. <i>Applied Intelligence</i> , 2017 , 48, 1148	4.9	8

55	. <i>IEEE Access</i> , 2017 , 5, 17392-17402	3.5	11
54	Information granulation construction and representation strategies for classification in imbalanced data based on granular computing. <i>Journal of Information and Telecommunication</i> , 2017 , 1, 113-126	1.4	1
53	An efficient method for mining frequent sequential patterns using multi-Core processors. <i>Applied Intelligence</i> , 2017 , 46, 703-716	4.9	17
52	Mining erasable itemsets with subset and superset itemset constraints. <i>Expert Systems With Applications</i> , 2017 , 69, 50-61	7.8	24
51	Mining frequent itemsets using the N-list and subsume concepts. <i>International Journal of Machine Learning and Cybernetics</i> , 2016 , 7, 253-265	3.8	46
50	An efficient algorithm for mining frequent weighted itemsets using interval word segments. <i>Applied Intelligence</i> , 2016 , 45, 1008-1020	4.9	10
49	A Parallel Strategy for the Logical-probabilistic Calculus-based Method to Calculate Two-terminal Reliability. <i>Quality and Reliability Engineering International</i> , 2016 , 32, 2313-2327	2.6	5
48	Mining non-redundant sequential rules with dynamic bit vectors and pruning techniques. <i>Applied Intelligence</i> , 2016 , 45, 333-342	4.9	10
47	The lattice-based approaches for mining association rules: a review. <i>Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery</i> , 2016 , 6, 140-151	6.9	14
46	Mining closed high utility itemsets in uncertain databases 2016 ,		5
45	Efficient mining of class association rules with the itemset constraint. <i>Knowledge-Based Systems</i> , 2016 , 103, 73-88	7.3	20
44	An N-list-based algorithm for mining frequent closed patterns. <i>Expert Systems With Applications</i> , 2015 , 42, 6648-6657	7.8	40
43	EIFDD: An efficient approach for erasable itemset mining of very dense datasets. <i>Applied Intelligence</i> , 2015 , 43, 85-94	4.9	13
42	A Parallel Algorithm for Frequent Subgraph Mining. <i>Advances in Intelligent Systems and Computing</i> , 2015 , 163-173	0.4	4
41	A novel method for constrained class association rule mining. <i>Information Sciences</i> , 2015 , 320, 107-125	7.7	21
40	Fast updated frequent-itemset lattice for transaction deletion. <i>Data and Knowledge Engineering</i> , 2015 , 96-97, 78-89	1.5	9
39	Combination of dynamic bit vectors and transaction information for mining frequent closed sequences efficiently. <i>Engineering Applications of Artificial Intelligence</i> , 2015 , 38, 183-189	7.2	18
38	An efficient and effective algorithm for mining top-rank-k frequent patterns. <i>Expert Systems With Applications</i> , 2015 , 42, 156-164	7.8	39

37	CCAR: An efficient method for mining class association rules with itemset constraints. <i>Engineering Applications of Artificial Intelligence</i> , 2015 , 37, 115-124	7.2	22
36	Mining frequent closed inter-sequence patterns efficiently using dynamic bit vectors. <i>Applied Intelligence</i> , 2015 , 43, 74-84	4.9	16
35	Discovering Erasable Closed Patterns. <i>Lecture Notes in Computer Science</i> , 2015 , 368-376	0.9	3
34	Feature selection and replacement by clustering attributes. <i>Vietnam Journal of Computer Science</i> , 2014 , 1, 47-55	0.8	13
33	IMSR_PreTree: an improved algorithm for mining sequential rules based on the prefix-tree. <i>Vietnam Journal of Computer Science</i> , 2014 , 1, 97-105	0.8	14
32	An efficient method for mining non-redundant sequential rules using attributed prefix-trees. <i>Engineering Applications of Artificial Intelligence</i> , 2014 , 32, 88-99	7.2	23
31	MEI: An efficient algorithm for mining erasable itemsets. <i>Engineering Applications of Artificial Intelligence</i> , 2014 , 27, 155-166	7.2	37
30	An efficient method for mining frequent itemsets with double constraints. <i>Engineering Applications of Artificial Intelligence</i> , 2014 , 27, 148-154	7.2	32
29	Incrementally building frequent closed itemset lattice. <i>Expert Systems With Applications</i> , 2014 , 41, 2703-2712	7.1	22
28	A Novel Method for Mining Class Association Rules with Itemset Constraints. <i>Lecture Notes in Computer Science</i> , 2014 , 494-503	0.9	0
27	An effective approach for maintenance of pre-large-based frequent-itemset lattice in incremental mining. <i>Applied Intelligence</i> , 2014 , 41, 759-775	4.9	18
26	Enhancing the mining top-rank-k frequent patterns 2014 ,		1
25	A survey of erasable itemset mining algorithms. <i>Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery</i> , 2014 , 4, 356-379	6.9	11
24	Efficient strategies for parallel mining class association rules. <i>Expert Systems With Applications</i> , 2014 , 41, 4716-4729	7.8	26
23	Mining Class-Association Rules with Constraints. <i>Advances in Intelligent Systems and Computing</i> , 2014 , 307-318	0.4	4
22	A New Method for Mining High Average Utility Itemsets. <i>Lecture Notes in Computer Science</i> , 2014 , 33-42	0.9	28
21	Subsume Concept in Erasable Itemset Mining. <i>Lecture Notes in Computer Science</i> , 2014 , 515-523	0.9	
20	A new method for mining Frequent Weighted Itemsets based on WIT-trees. <i>Expert Systems With Applications</i> , 2013 , 40, 1256-1264	7.8	89

19	CAR-Miner: An efficient algorithm for mining class-association rules. <i>Expert Systems With Applications</i> , 2013 , 40, 2305-2311	7.8	40
18	A lattice-based approach for mining most generalization association rules. <i>Knowledge-Based Systems</i> , 2013 , 45, 20-30	7.3	57
17	A Hybrid Approach for Mining Frequent Itemsets 2013 ,		11
16	An Efficient Algorithm for Mining Erasable Itemsets Using the Difference of NC-Sets 2013 ,		20
15	An effective algorithm for mining closed sequential patterns and their minimal generators based on prefix trees. <i>International Journal of Intelligent Information and Database Systems</i> , 2013 , 7, 324	0.3	6
14	Mining Frequent Weighted Closed Itemsets. <i>Studies in Computational Intelligence</i> , 2013 , 379-390	0.8	5
13	DBV-Miner: A Dynamic Bit-Vector approach for fast mining frequent closed itemsets. <i>Expert Systems With Applications</i> , 2012 , 39, 7196-7206	7.8	73
12	Classification based on association rules: A lattice-based approach. <i>Expert Systems With Applications</i> , 2012 , 39, 11357-11366	7.8	44
11	MSGPs: A Novel Algorithm for Mining Sequential Generator Patterns. <i>Lecture Notes in Computer Science</i> , 2012 , 393-401	0.9	9
10	An efficient strategy for mining high utility itemsets. <i>International Journal of Intelligent Information and Database Systems</i> , 2011 , 5, 164	0.3	17
9	Interestingness measures for association rules: Combination between lattice and hash tables. <i>Expert Systems With Applications</i> , 2011 , 38, 11630-11640	7.8	33
8	Mining minimal non-redundant association rules using frequent itemsets lattice. <i>International Journal of Intelligent Systems Technologies and Applications</i> , 2011 , 10, 92	0.5	20
7	Mining Sequential Rules Based on Prefix-Tree. <i>Studies in Computational Intelligence</i> , 2011 , 147-156	0.8	6
6	Efficient Algorithms for Mining Frequent Weighted Itemsets from Weighted Items Databases 2010 ,		6
5	Mining traditional association rules using frequent itemsets lattice 2009 ,		17
4	A General Method for mining high-Utility itemsets with correlated measures. <i>Journal of Information and Telecommunication</i> , 1-14	1.4	0
3	An efficient method for mining multi-level high utility Itemsets. <i>Applied Intelligence</i> , 1	4.9	1
2	Subgraph mining in a large graph: A review. <i>Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery</i> ,	6.9	2

- 1 An efficient and scalable approach for mining subgraphs in a single large graph. *Applied Intelligence*, 1 4.9 2