

# Bay Vo

## List of Publications by Year in descending order

Source: [//exaly.com/author-pdf/3699411/publications.pdf](https://exaly.com/author-pdf/3699411/publications.pdf)

Version: 2024-02-01

148  
papers

3,836  
citations

153493

30  
h-index

156116

55  
g-index

152  
all docs

152  
docs citations

152  
times ranked

3000  
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient approach of high average utility pattern mining with indexed list-based structure in dynamic environments. Information Sciences, 2024, 657, 119924.	7.2	3
2	Incremental clickstream pattern mining with search boundaries. Information Sciences, 2024, 662, 120257.	7.2	0
3	Efficient implementation of the linear layer of block ciphers with large MDS matrices based on a new lookup table technique. PLoS ONE, 2024, 19, e0304873.	2.5	0
4	Efficiently Discover Multi-level Maximal High-Utility Patterns from Hierarchical Databases. Lecture Notes in Computer Science, 2024, , 382-393.	1.0	0
5	Scalable and Efficient Approach for High Temporal Fuzzy Utility Pattern Mining. IEEE Transactions on Cybernetics, 2023, 53, 7672-7685.	10.1	6
6	Enhanced context-aware citation recommendation with auxiliary textual information based on an auto-encoding mechanism. Applied Intelligence, 2023, 53, 17381-17390.	5.6	4
7	Mining inter-sequence patterns with Itemset constraints. Applied Intelligence, 2023, 53, 19827-19842.	5.6	3
8	Enhancing Anchor Link Prediction in Information Networks through Integrated Embedding Techniques. Information Sciences, 2023, 645, 119331.	7.2	2
9	Efficient Pruning Strategy for Mining High Utility Quantitative Itemsets. Communications in Computer and Information Science, 2023, , 326-338.	0.0	0
10	An efficient method for mining multi-level high utility Itemsets. Applied Intelligence, 2022, 52, 5475-5496.	5.6	11
11	An efficient parallel algorithm for mining weighted clickstream patterns. Information Sciences, 2022, 582, 349-368.	7.2	15
12	Efficient mining of cross-level high-utility itemsets in taxonomy quantitative databases. Information Sciences, 2022, 587, 41-62.	7.2	20
13	Sit down and rest: Use of virtual reality to evaluate preferences and mental restoration in urban park pavilions. Landscape and Urban Planning, 2022, 220, 104336.	7.7	38
14	Subgraph mining in a large graph: A review. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2022, 12, .	7.2	8
15	A Frequency-Adjustable Tuning Fork Electromagnetic Energy Harvester. Materials, 2022, 15, 2108.	3.0	6
16	An efficient and scalable approach for mining subgraphs in a single large graph. Applied Intelligence, 2022, 52, 17881-17895.	5.6	3
17	An efficient approach for mining maximized erasable utility patterns. Information Sciences, 2022, 609, 1288-1308.	7.2	8
18	Efficient list based mining of high average utility patterns with maximum average pruning strategies. Information Sciences, 2021, 543, 85-105.	7.2	46

#	ARTICLE	IF	CITATIONS
19	Mining frequent weighted closed itemsets using the WN-list structure and an early pruning strategy. Applied Intelligence, 2021, 51, 1439-1459.	5.6	14
20	High performance self-powered photodetection with a low detection limit based on a two-dimensional organometallic perovskite ferroelectric. Journal of Materials Chemistry C, 2021, 9, 881-887.	5.6	28
21	Approximate high utility itemset mining in noisy environments. Knowledge-Based Systems, 2021, 212, 106596.	7.4	30
22	A multiple multilayer perceptron neural network with an adaptive learning algorithm for thyroid disease diagnosis in the internet of medical things. Journal of Supercomputing, 2021, 77, 3616-3637.	3.7	52
23	What is the impact of clinical guidelines on imaging costs?. Journal of Education and Health Promotion, 2021, 10, 10.	0.7	9
24	An Efficient Approach for Mining High-Utility Itemsets from Multiple Abstraction Levels. Lecture Notes in Computer Science, 2021, , 92-103.	1.0	3
25	A Novel Approach for Mining Closed Clickstream Patterns. Cybernetics and Systems, 2021, 52, 328-349.	2.6	2
26	RHUPS. ACM Transactions on Intelligent Systems and Technology, 2021, 12, 1-27.	4.7	24
27	A General Method for mining high-Utility itemsets with correlated measures. Journal of Information and Telecommunication, 2021, 5, 536-549.	3.0	3
28	Efficient algorithms for mining closed high utility itemsets in dynamic profit databases. Expert Systems With Applications, 2021, 186, 115741.	7.9	14
29	Event-Based Extended Dissipative State Estimation for Memristor-Based Markovian Neural Networks With Hybrid Time-Varying Delays. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 4520-4533.	5.8	19
30	A Method for Closed Frequent Subgraph Mining in a Single Large Graph. IEEE Access, 2021, 9, 165719-165733.	4.4	9
31	Efficient transaction deleting approach of pre-large based high utility pattern mining in dynamic databases. Future Generation Computer Systems, 2020, 103, 58-78.	8.0	40
32	Efficient methods for mining weighted clickstream patterns. Expert Systems With Applications, 2020, 142, 112993.	7.9	30
33	Mining Maximal High Utility Itemsets on Dynamic Profit Databases. Cybernetics and Systems, 2020, 51, 140-160.	2.6	12
34	Mining weighted subgraphs in a single large graph. Information Sciences, 2020, 514, 149-165.	7.2	36
35	The Real-Life Outcome of VACOPed Boot in the Management of Diabetic Foot Ulcers. International Journal of Lower Extremity Wounds, 2020, , 153473462094267.	1.2	0
36	An N-List-Based Approach for Mining Frequent Inter-Transaction Patterns. IEEE Access, 2020, 8, 116840-116855.	4.4	3

#	ARTICLE	IF	CITATIONS
37	Investigating Influences of Medial Olivocochlear Efferent System on Central Auditory Processing and Listening in Noise: A Behavioral and Event-Related Potential Study. <i>Brain Sciences</i> , 2020, 10, 428.	2.4	5
38	Multiswarm Multiobjective Particle Swarm Optimization with Simulated Annealing for Extracting Multiple Tests. <i>Scientific Programming</i> , 2020, 2020, 1-15.	0.8	2
39	A Track Initiation Algorithm Using Residual Threshold for Shore-Based Radar in Heavy Clutter Environments. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 614.	2.7	4
40	Erasable pattern mining based on tree structures with damped window over data streams. <i>Engineering Applications of Artificial Intelligence</i> , 2020, 94, 103735.	8.3	19
41	Mining Correlated High Utility Itemsets in One Phase. <i>IEEE Access</i> , 2020, 8, 90465-90477.	4.4	17
42	A Multi-Core Approach to Efficiently Mining High-Utility Itemsets in Dynamic Profit Databases. <i>IEEE Access</i> , 2020, 8, 85890-85899.	4.4	26
43	Efficient Approach for Damped Window-Based High Utility Pattern Mining With List Structure. <i>IEEE Access</i> , 2020, 8, 50958-50968.	4.4	30
44	Efficient Algorithm for Mining Non-Redundant High-Utility Association Rules. <i>Sensors</i> , 2020, 20, 1078.	4.0	28
45	An Efficient Method for Mining Closed Potential High-Utility Itemsets. <i>IEEE Access</i> , 2020, 8, 31813-31822.	4.4	17
46	Mining top-k frequent patterns from uncertain databases. <i>Applied Intelligence</i> , 2020, 50, 1487-1497.	5.6	18
47	Efficient algorithms for mining clickstream patterns using pseudo-IDLists. <i>Future Generation Computer Systems</i> , 2020, 107, 18-30.	8.0	17
48	Exploring the Implication of DDX3X in DENV Infection: Discovery of the First-in-Class DDX3X Fluorescent Inhibitor. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 956-962.	3.1	21
49	Preparedness for Coronavirus Disease in Hospitals of Nepal: A Nationwide Survey. <i>Journal of the Nepal Medical Association</i> , 2020, 58, 248-251.	0.5	6
50	Efficient Method for Mining Maximal Inter-transaction Patterns. <i>Lecture Notes in Computer Science</i> , 2020, , 316-327.	1.0	1
51	<i>Nazr-o-NiÄz</i> (vÅ“u) et <i>Nazri</i> (repas votif) chez les Iraniens zoroastriens ou chiites. <i>Homo Religiosus SÄ©rie II</i> , 2020, , 197-202.	0.0	0
52	A Fast Algorithm for Mining Closed Inter-transaction Patterns. <i>Lecture Notes in Computer Science</i> , 2020, , 820-831.	1.0	1
53	Sequential Pattern Mining Using IDLists. <i>Lecture Notes in Computer Science</i> , 2020, , 341-353.	1.0	3
54	A Hybrid Approach Using Oversampling Technique and Cost-Sensitive Learning for Bankruptcy Prediction. <i>Complexity</i> , 2019, 2019, 1-12.	1.7	53

#	ARTICLE	IF	CITATIONS
55	Mining class association rules on imbalanced class datasets. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019, 37, 7131-7139.	1.6	3
56	Improving Electric Energy Consumption Prediction Using CNN and Bi-LSTM. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4237.	2.6	167
57	Comparative study and multiple linear regression analysis for assessment of chromatographic behavior of structurally related $\beta$ -blockers on different stationary phases. <i>Journal of Separation Science</i> , 2019, 42, 3718-3726.	2.9	0
58	High Utility Association Rule Mining. <i>Studies in Big Data</i> , 2019, , 161-174.	0.0	3
59	An efficient method for mining high utility closed itemsets. <i>Information Sciences</i> , 2019, 495, 78-99.	7.2	56
60	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.	7.2	55
61	Poor compliance despite equal access: Military experience with screening breast MRI in high risk women. <i>American Journal of Surgery</i> , 2019, 217, 843-847.	1.7	10
62	Multi-Swarm Single-Objective Particle Swarm Optimization to Extract Multiple-Choice Tests. <i>Vietnam Journal of Computer Science</i> , 2019, 06, 147-161.	1.3	9
63	An Efficient Algorithm for Mining Frequent Closed Inter- Transaction Patterns. , 2019, , .		4
64	SPPC: a new tree structure for mining erasable patterns in data streams. <i>Applied Intelligence</i> , 2019, 49, 478-495.	5.6	20
65	Effects of Nanoscale Ripple Texture on Friction and Film Thickness in EHL Contacts. <i>Tribology Letters</i> , 2019, 67, 1.	2.7	6
66	ETARM: an efficient top-k association rule mining algorithm. <i>Applied Intelligence</i> , 2018, 48, 1148.	5.6	10
67	A Weighted Approach for Class Association Rules. <i>Studies in Computational Intelligence</i> , 2018, , 213-222.	0.0	2
68	Fault and timing analysis in critical multi-core systems: A survey with an avionics perspective. <i>Journal of Systems Architecture</i> , 2018, 87, 1-11.	4.6	18
69	Mining sequential patterns with itemset constraints. <i>Knowledge and Information Systems</i> , 2018, 57, 311-330.	3.4	35
70	Mining constrained inter-sequence patterns: a novel approach to cope with item constraints. <i>Applied Intelligence</i> , 2018, 48, 1327-1343.	5.6	20
71	Effects of dance practice on functional mobility, motor symptoms and quality of life in people with Parkinson's disease: a systematic review with meta-analysis. <i>Aging Clinical and Experimental Research</i> , 2018, 30, 727-735.	2.9	178
72	Constraint-Based Method for Mining Colossal Patterns in High Dimensional Databases. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 195-204.	0.0	1

#	ARTICLE	IF	CITATIONS
73	Efficient method for updating class association rules in dynamic datasets with record deletion. Applied Intelligence, 2018, 48, 1491-1505.	5.6	8
74	ICT based Fertilizer Distribution System. , 2018, , .		1
75	An Efficient Method for Mining Erasable Itemsets Using Multicore Processor Platform. Complexity, 2018, 2018, 1-9.	1.7	5
76	An efficient approach for mining sequential patterns using multiple threads on very large databases. Engineering Applications of Artificial Intelligence, 2018, 74, 242-251.	8.3	26
77	An Improved Algorithm for Mining Top-k Association Rules. Advances in Intelligent Systems and Computing, 2018, , 117-128.	0.0	0
78	Efficient algorithms for mining colossal patterns in high dimensional databases. Knowledge-Based Systems, 2017, 122, 75-89.	7.4	15
79	A lattice-based approach for mining high utility association rules. Information Sciences, 2017, 399, 81-97.	7.2	56
80	Text Clustering Using Frequent Weighted Utility Itemsets. Cybernetics and Systems, 2017, 48, 193-209.	2.6	17
81	A survey of itemset mining. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2017, 7, e1207.	7.2	172
82	Mining top- k co-occurrence items with sequential pattern. Expert Systems With Applications, 2017, 85, 123-133.	7.9	29
83	Mining Class Association Rules with Synthesis Constraints. Lecture Notes in Computer Science, 2017, , 556-565.	1.0	1
84	A fast algorithm for mining high average-utility itemsets. Applied Intelligence, 2017, 47, 331-346.	5.6	38
85	Efficient Algorithms for Mining Erasable Closed Patterns From Product Datasets. IEEE Access, 2017, 5, 3111-3120.	4.4	22
86	A method for mining top-rank-k frequent closed itemsets. Journal of Intelligent and Fuzzy Systems, 2017, 32, 1297-1305.	1.6	10
87	A novel approach for mining maximal frequent patterns. Expert Systems With Applications, 2017, 73, 178-186.	7.9	46
88	An Efficient Parallel Method for Mining Frequent Closed Sequential Patterns. IEEE Access, 2017, 5, 17392-17402.	4.4	14
89	Information granulation construction and representation strategies for classification in imbalanced data based on granular computing. Journal of Information and Telecommunication, 2017, 1, 113-126.	3.0	2
90	An efficient method for mining frequent sequential patterns using multi-Core processors. Applied Intelligence, 2017, 46, 703-716.	5.6	19

#	ARTICLE	IF	CITATIONS
91	Mining erasable itemsets with subset and superset itemset constraints. Expert Systems With Applications, 2017, 69, 50-61.	7.9	31
92	The lattice-based approaches for mining association rules: a review. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2016, 6, 140-151.	7.2	20
93	Efficient mining of class association rules with the itemset constraint. Knowledge-Based Systems, 2016, 103, 73-88.	7.4	26
94	An efficient algorithm for mining frequent weighted itemsets using interval word segments. Applied Intelligence, 2016, 45, 1008-1020.	5.6	16
95	A Parallel Strategy for the Logical-probabilistic Calculus-based Method to Calculate Two-terminal Reliability. Quality and Reliability Engineering International, 2016, 32, 2313-2327.	2.3	7
96	Mining non-redundant sequential rules with dynamic bit vectors and pruning techniques. Applied Intelligence, 2016, 45, 333-342.	5.6	12
97	An approach for mining non-redundant sequential rules efficiently. , 2015, , .		0
98	Mining frequent closed inter-sequence patterns efficiently using dynamic bit vectors. Applied Intelligence, 2015, 43, 74-84.	5.6	18
99	An N-list-based algorithm for mining frequent closed patterns. Expert Systems With Applications, 2015, 42, 6648-6657.	7.9	51
100	EIFDD: An efficient approach for erasable itemset mining of very dense datasets. Applied Intelligence, 2015, 43, 85-94.	5.6	18
101	A Parallel Algorithm for Frequent Subgraph Mining. Advances in Intelligent Systems and Computing, 2015, , 163-173.	0.0	6
102	Fast updated frequent-itemset lattice for transaction deletion. Data and Knowledge Engineering, 2015, 96-97, 78-89.	3.7	11
103	Combination of dynamic bit vectors and transaction information for mining frequent closed sequences efficiently. Engineering Applications of Artificial Intelligence, 2015, 38, 183-189.	8.3	21
104	An efficient and effective algorithm for mining top-rank-k frequent patterns. Expert Systems With Applications, 2015, 42, 156-164.	7.9	44
105	CCAR: An efficient method for mining class association rules with itemset constraints. Engineering Applications of Artificial Intelligence, 2015, 37, 115-124.	8.3	25
106	Discovering Erasable Closed Patterns. Lecture Notes in Computer Science, 2015, , 368-376.	1.0	4
107	iPS Cells and Cardiomyopathies. Pancreatic Islet Biology, 2015, , 83-110.	0.0	0
108	Enhancing the mining top-rank-k frequent patterns. , 2014, , .		1

#	ARTICLE	IF	CITATIONS
109	A survey of erasable itemset mining algorithms. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2014, 4, 356-379.	7.2	13
110	Efficient strategies for parallel mining class association rules. Expert Systems With Applications, 2014, 41, 4716-4729.	7.9	30
111	Feature selection and replacement by clustering attributes. Vietnam Journal of Computer Science, 2014, 1, 47-55.	1.3	16
112	IMSR_PreTree: an improved algorithm for mining sequential rules based on the prefix-tree. Vietnam Journal of Computer Science, 2014, 1, 97-105.	1.3	16
113	An efficient method for mining non-redundant sequential rules using attributed prefix-trees. Engineering Applications of Artificial Intelligence, 2014, 32, 88-99.	8.3	28
114	MEI: An efficient algorithm for mining erasable itemsets. Engineering Applications of Artificial Intelligence, 2014, 27, 155-166.	8.3	53
115	An efficient method for mining frequent itemsets with double constraints. Engineering Applications of Artificial Intelligence, 2014, 27, 148-154.	8.3	39
116	Incrementally building frequent closed itemset lattice. Expert Systems With Applications, 2014, 41, 2703-2712.	7.9	25
117	A Novel Method for Mining Class Association Rules with Itemset Constraints. Lecture Notes in Computer Science, 2014, , 494-503.	1.0	1
118	An effective approach for maintenance of pre-large-based frequent-itemset lattice in incremental mining. Applied Intelligence, 2014, 41, 759-775.	5.6	26
119	Mining Class-Association Rules with Constraints. Advances in Intelligent Systems and Computing, 2014, , 307-318.	0.0	7
120	A New Method for Mining High Average Utility Itemsets. Lecture Notes in Computer Science, 2014, , 33-42.	1.0	43
121	Subsume Concept in Erasable Itemset Mining. Lecture Notes in Computer Science, 2014, , 515-523.	1.0	0
122	Clustered DNA damage induced by protons radiation in plasmid DNA. Science Bulletin, 2013, 58, 3217-3223.	1.6	17
123	A new method for mining Frequent Weighted Itemsets based on WIT-trees. Expert Systems With Applications, 2013, 40, 1256-1264.	7.9	112
124	CAR-Miner: An efficient algorithm for mining class-association rules. Expert Systems With Applications, 2013, 40, 2305-2311.	7.9	48
125	A lattice-based approach for mining most generalization association rules. Knowledge-Based Systems, 2013, 45, 20-30.	7.4	62
126	A Hybrid Approach for Mining Frequent Itemsets. , 2013, , .		12



#	ARTICLE	IF	CITATIONS
127	An Efficient Algorithm for Mining Erasable Itemsets Using the Difference of NC-Sets. , 2013, , .		31
128	11 $\beta$ -hydroxysteroid dehydrogenase type 1 selective inhibitor BVT.2733 protects osteoblasts against endogenous glucocorticoid induced dysfunction. Endocrine Journal, 2013, 60, 1047-1058.	1.7	15
129	An effective algorithm for mining closed sequential patterns and their minimal generators based on prefix trees. International Journal of Intelligent Information and Database Systems, 2013, 7, 324.	0.9	7
130	Mining Frequent Weighted Closed Itemsets. Studies in Computational Intelligence, 2013, , 379-390.	0.0	7
131	MSGPs: A Novel Algorithm for Mining Sequential Generator Patterns. Lecture Notes in Computer Science, 2012, , 393-401.	1.0	13
132	Field Evaluation of MOV Adjustable Steam Chokes. , 2012, , .		5
133	Lycorine induces cell-cycle arrest in the G0/G1 phase in K562 cells via HDAC inhibition. Cancer Cell International, 2012, 12, 49.	4.3	76
134	DBV-Miner: A Dynamic Bit-Vector approach for fast mining frequent closed itemsets. Expert Systems With Applications, 2012, 39, 7196-7206.	7.9	82
135	Classification based on association rules: A lattice-based approach. Expert Systems With Applications, 2012, 39, 11357-11366.	7.9	53
136	An efficient strategy for mining high utility itemsets. International Journal of Intelligent Information and Database Systems, 2011, 5, 164.	0.9	27
137	Interestingness measures for association rules: Combination between lattice and hash tables. Expert Systems With Applications, 2011, 38, 11630-11640.	7.9	43
138	Mining minimal non-redundant association rules using frequent itemsets lattice. International Journal of Intelligent Systems Technologies and Applications, 2011, 10, 92.	0.2	23
139	Mining Sequential Rules Based on Prefix-Tree. Studies in Computational Intelligence, 2011, , 147-156.	0.0	10
140	Tailoring materials properties of UFG aluminium alloys by accumulative roll bonded sandwich-like sheets. Journal of Materials Science, 2010, 45, 4733-4738.	3.7	53
141	Efficient Algorithms for Mining Frequent Weighted Itemsets from Weighted Items Databases. , 2010, , .		8
142	Mining traditional association rules using frequent itemsets lattice. , 2009, , .		21
143	Teaching Optical Engineering. Optical Engineering, 2008, 47, 050101.	1.0	0
144	Toroidal Rotation in RF Heated JET Plasmas. AIP Conference Proceedings, 2007, , .	1.0	1

#	ARTICLE	IF	CITATIONS
145	A microbial fuel cell capable of converting glucose to electricity at high rate and efficiency. <i>Biotechnology Letters</i> , 2003, 25, 1531-1535.	2.2	642
146	Energy spectra of narrow- and zero-gap-semiconductor quantum dots. <i>Journal of Physics Condensed Matter</i> , 2000, 12, 7923-7932.	1.9	7
147	MedikamentÃ¶s induzierte Kolitiden. <i>Deutsche Medizinische Wochenschrift</i> , 1985, 110, 1504-1509.	0.2	5
148	NS-IDBSCAN: An efficient incremental clustering method for geospatial data in network space. <i>Information Sciences</i> , 0, 690, 121526.	7.2	0