

Mehdi Kaytoue

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

776
citations

932766

10
h-index

713013

21
g-index

44
all docs

44
docs citations

44
times ranked

511
citing authors

#	ARTICLE	IF	CITATIONS
1	Mining gene expression data with pattern structures in formal concept analysis. Information Sciences, 2011, 181, 1989-2001.	4.0	152
2	Watch me playing, i am a professional. , 2012, , .		151
3	Modeling and Analyzing the Video Game Live-Streaming Community. , 2014, , .		39
4	Characterizing functional dependencies in formal concept analysis with pattern structures. Annals of Mathematics and Artificial Intelligence, 2014, 72, 129-149.	0.9	39
5	Chemical features mining provides new descriptive structure-odor relationships. PLoS Computational Biology, 2019, 15, e1006945.	1.5	34
6	Biclustering meets triadic concept analysis. Annals of Mathematics and Artificial Intelligence, 2014, 70, 55-79.	0.9	31
7	Mining Statistically Significant Sequential Patterns. , 2013, , .		27
8	What Did I Do Wrong in My MOBA Game? Mining Patterns Discriminating Deviant Behaviours. , 2016, , .		27
9	Exceptional contextual subgraph mining. Machine Learning, 2017, 106, 1171-1211.	3.4	25
10	Biclustering Numerical Data in Formal Concept Analysis. Lecture Notes in Computer Science, 2011, , 135-150.	1.0	23
11	Anytime discovery of a diverse set of patterns with Monte Carlo tree search. Data Mining and Knowledge Discovery, 2018, 32, 604-650.	2.4	22
12	Two FCA-Based Methods for Mining Gene Expression Data. Lecture Notes in Computer Science, 2009, , 251-266.	1.0	22
13	Pattern Structures and Concept Lattices for Data Mining and Knowledge Processing. Lecture Notes in Computer Science, 2015, , 227-231.	1.0	18
14	Formal Concept Analysis: From Knowledge Discovery to Knowledge Processing. , 2020, , 411-445.		15
15	Numerical Information Fusion: Lattice of Answers with Supporting Arguments. , 2011, , .		13
16	FSSD - A Fast and Efficient Algorithm for Subgroup Set Discovery. , 2019, , .		13
17	Triggering patterns of topology changes in dynamic graphs. , 2014, , .		12
18	Embedding tolerance relations in formal concept analysis. , 2010, , .		10

#	ARTICLE	IF	CITATIONS
19	Local Subgroup Discovery for Eliciting and Understanding New Structure-Odor Relationships. Lecture Notes in Computer Science, 2016, , 19-34.	1.0	10
20	A Pattern Mining Approach to Study Strategy Balance in RTS Games. IEEE Transactions on Games, 2017, 9, 123-132.	1.7	10
21	Anytime Subgroup Discovery in Numerical Domains with Guarantees. Lecture Notes in Computer Science, 2019, , 500-516.	1.0	9
22	Data-driven Performance Evaluation of Ventilated Photovoltaic Double-skin Facades in the Built Environment. Energy Procedia, 2015, 78, 447-452.	1.8	7
23	When cyberathletes conceal their game: Clustering confusion matrices to identify avatar aliases. , 2015, , .		6
24	Characterizing approximate-matching dependencies in formal concept analysis with pattern structures. Discrete Applied Mathematics, 2018, 249, 18-27.	0.5	6
25	A Possibility Theory-Oriented Discussion of Conceptual Pattern Structures. Lecture Notes in Computer Science, 2010, , 70-83.	1.0	6
26	SeqScout: Using a Bandit Model to Discover Interesting Subgroups in Labeled Sequences. , 2019, , .		5
27	A Behavioral Pattern Mining Approach to Model Player Skills in Rocket League. , 2020, , .		5
28	Mining Convex Polygon Patterns with Formal Concept Analysis. , 2017, , .		5
29	Two Complementary Classification Methods for Designing a Concept Lattice from Interval Data. Lecture Notes in Computer Science, 2010, , 345-362.	1.0	4
30	"What makes my queries slow?": Subgroup Discovery for SQL Workload Analysis. , 2021, , .		4
31	What effects topological changes in dynamic graphs?. Social Network Analysis and Mining, 2015, 5, 1.	1.9	3
32	On pattern setups and pattern multistructures. International Journal of General Systems, 2020, 49, 785-818.	1.2	3
33	Gazouille: Detecting and Illustrating Local Events from Geolocalized Social Media Streams. Lecture Notes in Computer Science, 2015, , 276-280.	1.0	3
34	Characterization of Database Dependencies with FCA and Pattern Structures. Communications in Computer and Information Science, 2014, , 3-14.	0.4	2
35	Interpretable Summaries of Black Box Incident Triaging with Subgroup Discovery. , 2021, , .		2
36	Sampling Representation Contexts with Attribute Exploration. Lecture Notes in Computer Science, 2019, , 307-314.	1.0	1

#	ARTICLE	IF	CITATIONS
37	Anytime mining of sequential discriminative patterns in labeled sequences. Knowledge and Information Systems, 2021, 63, 439-476.	2.1	1
38	Managing Information Fusion with Formal Concept Analysis. Lecture Notes in Computer Science, 2010, , 104-115.	1.0	1
39	Anytime Subgroup Discovery in High Dimensional Numerical Data. , 2021, , .		0
40	h(odor): Interactive Discovery of Hypotheses on the Structure-Odor Relationship in Neuroscience. Lecture Notes in Computer Science, 2016, , 17-21.	1.0	0
41	Mining the Lattice of Binary Classifiers for Identifying Duplicate Labels in Behavioral Data. Lecture Notes in Computer Science, 2017, , 12-21.	1.0	0
42	Mining Formal Concepts Using Implications Between Items. Lecture Notes in Computer Science, 2019, , 173-190.	1.0	0