Marc Plantevit

List of Publications by Year
in descending order

51 papers	546 citations	840776 11 h-index	794594 19 g-index
51 all docs	51 docs citations	51 times ranked	382 citing authors

#	Article	IF	Citations
1	Electricity price forecasting on the day-ahead market using machine learning. Applied Energy, 2022, 313, 118752.	10.1	63
2	Mining Dominant Patterns in the Sky. , 2011, , .		41
3	Mining Graph Topological Patterns: Finding Covariations among Vertex Descriptors. IEEE Transactions on Knowledge and Data Engineering, 2013, 25, 2090-2104.	5.7	40
4	Mining multidimensional and multilevel sequential patterns. ACM Transactions on Knowledge Discovery From Data, 2010, 4, 1-37.	3.5	39
5	Chemical features mining provides new descriptive structure-odor relationships. PLoS Computational Biology, 2019, 15, e1006945.	3.2	34
6	Cohesive Co-evolution Patterns in Dynamic Attributed Graphs. Lecture Notes in Computer Science, 2012, , 110-124.	1.3	28
7	Exceptional contextual subgraph mining. Machine Learning, 2017, 106, 1171-1211.	5.4	25
8	Skypattern mining: From pattern condensed representations to dynamic constraint satisfaction problems. Artificial Intelligence, 2017, 244, 48-69.	5.8	17
9	Trend Mining in Dynamic Attributed Graphs. Lecture Notes in Computer Science, 2013, , 654-669.	1.3	17
10	Multidimensional Association Rules in Boolean Tensors. , 2011, , .		14
11	Unsupervised Exceptional Attributed Sub-Graph Mining in Urban Data. , 2016, , .		13
12	Mining exceptional closed patterns in attributed graphs. Knowledge and Information Systems, 2018, 56, 1-25.	3.2	13
13	Combining sequence and itemset mining to discover named entities in biomedical texts: a new type of pattern. International Journal of Data Mining, Modelling and Management, 2009, 1, 119.	0.1	12
14	Triggering patterns of topology changes in dynamic graphs. , 2014, , .		12
15	Sequential recommendation with metric models based on frequent sequences. Data Mining and Knowledge Discovery, 2021, 35, 1087-1133.	3.7	12
16	Sequential pattern mining for discovering gene interactions and their contextual information from biomedical texts. Journal of Biomedical Semantics, 2015, 6, 27.	1.6	11
17	HYPE. , 2006, , .		10
18	Graph dependency construction based on interval-event dependencies detection in data streams. Intelligent Data Analysis, 2016, 20, 223-256.	0.9	10

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19	Local Subgroup Discovery for Eliciting and Understanding New Structure-Odor Relationships. Lecture Notes in Computer Science, 2016, , 19-34.	1.3	10
20	Condensed Representation of Sequential Patterns According to Frequency-Based Measures. Lecture Notes in Computer Science, 2009, , 155-166.	1.3	10
21	Interpreting communities based on the evolution of a dynamic attributed network. Social Network Analysis and Mining, 2015, 5, 1.	2.8	9
22	Sequential Patterns to Discover and Characterise Biological Relations. Lecture Notes in Computer Science, 2010, , 537-548.	1.3	9
23	Multidimensional Data Stream Summarization Using Extended Tilted-Time Windows. , 2009, , .		8
24	User-driven geolocated event detection in social media. IEEE Transactions on Knowledge and Data Engineering, 2019, , 1-1.	5.7	8
25	Mining Multidimensional Sequential Patterns over Data Streams. Lecture Notes in Computer Science, 2008, , 263-272.	1.3	8
26	Data-driven Performance Evaluation of Ventilated Photovoltaic Double-skin Facades in the Built Environment. Energy Procedia, 2015, 78, 447-452.	1.8	7
27	Why Should I Trust This Item? Explaining the Recommendations of any Model. , 2020, , .		7
28	Sequence Classification Based on Delta-Free Sequential Patterns. , 2014, , .		6
29	A method for characterizing communities in dynamic attributed complex networks. , 2014, , .		6
30	Flash Points: Discovering Exceptional Pairwise Behaviors in Vote or Rating Data. Lecture Notes in Computer Science, 2017, , 442-458.	1.3	6
31	Discovering descriptive rules in relational dynamic graphs. Intelligent Data Analysis, 2013, 17, 49-69.	0.9	5
32	SIAS-miner: mining subjectively interesting attributed subgraphs. Data Mining and Knowledge Discovery, 2020, 34, 355-393.	3.7	5
33	Finding maximal homogeneous clique sets. Knowledge and Information Systems, 2014, 39, 579-608.	3.2	4
34	What effects topological changes in dynamic graphs?. Social Network Analysis and Mining, 2015, 5, 1.	2.8	3
35	Granularity of Co-evolution Patterns in Dynamic Attributed Graphs. Lecture Notes in Computer Science, 2014, , 84-95.	1.3	3
36	Gazouille: Detecting and Illustrating Local Events from Geolocalized Social Media Streams. Lecture Notes in Computer Science, 2015, , 276-280.	1.3	3

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37	Local Pattern Detection in Attributed Graphs. Lecture Notes in Computer Science, 2016, , 168-183.	1.3	3
38	Mining unexpected multidimensional rules. , 2007, , .		2
39	Summarizing Contrasts by Recursive Pattern Mining. , 2011, , .		2
40	Rank correlated subgroup discovery. Journal of Intelligent Information Systems, 2019, 53, 305-328.	3.9	2
41	Contextual Subgraph Discovery with Mobility Models. Studies in Computational Intelligence, 2018, , 477-489.	0.9	2
42	Interpretable Summaries of Black Box Incident Triaging with Subgroup Discovery. , 2021, , .		2
43	Mining Disjunctive Rules in Dynamic Graphs. , 2012, , .		1
44	Supporting the Discovery of Relevant Topological Patterns in Attributed Graphs. , 2012, , .		1
45	Identifying exceptional (dis)agreement between groups. Data Mining and Knowledge Discovery, 2020, 34, 394-442.	3.7	1
46	Exceptional Attributed Subgraph Mining to Understand the Olfactory Percept. Lecture Notes in Computer Science, 2018, , 276-291.	1.3	1
47	Up and Down: Mining Multidimensional Sequential Patterns Using Hierarchies. Lecture Notes in Computer Science, 0, , 156-165.	1.3	1
48	Mining convergent and divergent sequences in multidimensional data. International Journal of Business Intelligence and Data Mining, 2009, 4, 242.	0.2	0
49	Recursive Sequence Mining to Discover Named Entity Relations. Lecture Notes in Computer Science, 2010, , 30-41.	1.3	0
50	Temporal Dependency Detection Between Interval-Based Event Sequences. Lecture Notes in Computer Science, 2015, , 132-146.	1.3	0
51	h(odor): Interactive Discovery of Hypotheses on the Structure-Odor Relationship in Neuroscience. Lecture Notes in Computer Science, 2016, , 17-21.	1.3	0