Marc Plantevit

List of Publications by Year
in descending order

51	546	840776 11	794594 19
papers	citations	h-index	g-index

51	51	51	382
all docs	docs citations	times ranked	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	Sequential recommendation with metric models based on frequent sequences. Data Mining and Knowledge Discovery, 2021, 35, 1087-1133.	3.7	12
3	Interpretable Summaries of Black Box Incident Triaging with Subgroup Discovery. , 2021, , .		2
4	Identifying exceptional (dis)agreement between groups. Data Mining and Knowledge Discovery, 2020, 34, 394-442.	3.7	1
5	SIAS-miner: mining subjectively interesting attributed subgraphs. Data Mining and Knowledge Discovery, 2020, 34, 355-393.	3.7	5
6	Why Should I Trust This Item? Explaining the Recommendations of any Model. , 2020, , .		7
7	User-driven geolocated event detection in social media. IEEE Transactions on Knowledge and Data Engineering, 2019, , 1-1.	5.7	8
8	Chemical features mining provides new descriptive structure-odor relationships. PLoS Computational Biology, 2019, 15, e1006945.	3.2	34
9	Rank correlated subgroup discovery. Journal of Intelligent Information Systems, 2019, 53, 305-328.	3.9	2
10	Mining exceptional closed patterns in attributed graphs. Knowledge and Information Systems, 2018, 56, 1-25.	3.2	13
11	Contextual Subgraph Discovery with Mobility Models. Studies in Computational Intelligence, 2018, , 477-489.	0.9	2
12	Exceptional Attributed Subgraph Mining to Understand the Olfactory Percept. Lecture Notes in Computer Science, 2018, , 276-291.	1.3	1
13	Skypattern mining: From pattern condensed representations to dynamic constraint satisfaction problems. Artificial Intelligence, 2017, 244, 48-69.	5.8	17
14	Exceptional contextual subgraph mining. Machine Learning, 2017, 106, 1171-1211.	5.4	25
15	Flash Points: Discovering Exceptional Pairwise Behaviors in Vote or Rating Data. Lecture Notes in Computer Science, 2017, , 442-458.	1.3	6
16	Unsupervised Exceptional Attributed Sub-Graph Mining in Urban Data. , 2016, , .		13
17	Graph dependency construction based on interval-event dependencies detection in data streams. Intelligent Data Analysis, 2016, 20, 223-256.	0.9	10
18	Local Subgroup Discovery for Eliciting and Understanding New Structure-Odor Relationships. Lecture Notes in Computer Science, 2016, , 19-34.	1.3	10

#	Article	IF	Citations
19	Local Pattern Detection in Attributed Graphs. Lecture Notes in Computer Science, 2016, , 168-183.	1.3	3
20	h(odor): Interactive Discovery of Hypotheses on the Structure-Odor Relationship in Neuroscience. Lecture Notes in Computer Science, 2016, , 17-21.	1.3	0
21	Data-driven Performance Evaluation of Ventilated Photovoltaic Double-skin Facades in the Built Environment. Energy Procedia, 2015, 78, 447-452.	1.8	7
22	Sequential pattern mining for discovering gene interactions and their contextual information from biomedical texts. Journal of Biomedical Semantics, 2015, 6, 27.	1.6	11
23	Interpreting communities based on the evolution of a dynamic attributed network. Social Network Analysis and Mining, 2015, 5, 1.	2.8	9
24	What effects topological changes in dynamic graphs?. Social Network Analysis and Mining, 2015, 5, 1.	2.8	3
25	Gazouille: Detecting and Illustrating Local Events from Geolocalized Social Media Streams. Lecture Notes in Computer Science, 2015, , 276-280.	1.3	3
26	Temporal Dependency Detection Between Interval-Based Event Sequences. Lecture Notes in Computer Science, 2015, , 132-146.	1.3	0
27	Sequence Classification Based on Delta-Free Sequential Patterns. , 2014, , .		6
28	Triggering patterns of topology changes in dynamic graphs. , 2014, , .		12
29	A method for characterizing communities in dynamic attributed complex networks. , 2014, , .		6
30	Finding maximal homogeneous clique sets. Knowledge and Information Systems, 2014, 39, 579-608.	3.2	4
31	Granularity of Co-evolution Patterns in Dynamic Attributed Graphs. Lecture Notes in Computer Science, 2014, , 84-95.	1.3	3
32	Mining Graph Topological Patterns: Finding Covariations among Vertex Descriptors. IEEE Transactions on Knowledge and Data Engineering, 2013, 25, 2090-2104.	5.7	40
33	Discovering descriptive rules in relational dynamic graphs. Intelligent Data Analysis, 2013, 17, 49-69.	0.9	5
34	Trend Mining in Dynamic Attributed Graphs. Lecture Notes in Computer Science, 2013, , 654-669.	1.3	17
35	Mining Disjunctive Rules in Dynamic Graphs. , 2012, , .		1
36	Supporting the Discovery of Relevant Topological Patterns in Attributed Graphs. , 2012, , .		1

#	Article	IF	Citations
37	Cohesive Co-evolution Patterns in Dynamic Attributed Graphs. Lecture Notes in Computer Science, 2012, , 110-124.	1.3	28
38	Multidimensional Association Rules in Boolean Tensors. , 2011, , .		14
39	Mining Dominant Patterns in the Sky. , 2011, , .		41
40	Summarizing Contrasts by Recursive Pattern Mining. , 2011, , .		2
41	Mining multidimensional and multilevel sequential patterns. ACM Transactions on Knowledge Discovery From Data, 2010, 4, 1-37.	3.5	39
42	Recursive Sequence Mining to Discover Named Entity Relations. Lecture Notes in Computer Science, 2010, , 30-41.	1.3	0
43	Sequential Patterns to Discover and Characterise Biological Relations. Lecture Notes in Computer Science, 2010, , 537-548.	1.3	9
44	Multidimensional Data Stream Summarization Using Extended Tilted-Time Windows. , 2009, , .		8
45	Mining convergent and divergent sequences in multidimensional data. International Journal of Business Intelligence and Data Mining, 2009, 4, 242.	0.2	0
46	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
47	Condensed Representation of Sequential Patterns According to Frequency-Based Measures. Lecture Notes in Computer Science, 2009, , 155-166.	1.3	10
48	Mining Multidimensional Sequential Patterns over Data Streams. Lecture Notes in Computer Science, 2008, , 263-272.	1.3	8
49	Mining unexpected multidimensional rules. , 2007, , .		2
50	HYPE. , 2006, , .		10
51	Up and Down: Mining Multidimensional Sequential Patterns Using Hierarchies. Lecture Notes in Computer Science, 0, , 156-165.	1.3	1