Jessica Lin

List of Publications by Year
in descending order

30 papers	2,356 citations	933264 10 h-index	996849 15 g-index
30 all docs	30 docs citations	30 times ranked	1886 citing authors

#	Article	IF	Citations
1	Experiencing SAX: a novel symbolic representation of time series. Data Mining and Knowledge Discovery, 2007, 15, 107-144.	2.4	1,190
2	Clustering of time-series subsequences is meaningless: implications for previous and future research. Knowledge and Information Systems, 2005, 8, 154-177.	2.1	284
3	Rotation-invariant similarity in time series using bag-of-patterns representation. Journal of Intelligent Information Systems, 2012, 39, 287-315.	2.8	203
4	Finding the most unusual time series subsequence: algorithms and applications. Knowledge and Information Systems, 2006, 11, 1-27.	2.1	138
5	TapNet: Multivariate Time Series Classification with Attentional Prototypical Network. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 6845-6852.	3.6	115
6	Visually mining and monitoring massive time series. , 2004, , .		103
7	GrammarViz 2.0: A Tool for Grammar-Based Pattern Discovery in Time Series. Lecture Notes in Computer Science, 2014, , 468-472.	1.0	59
8	Visualizing Variable-Length Time Series Motifs. , 2012, , .		54
9	Exact variable-length anomaly detection algorithm for univariate and multivariate time series. Data Mining and Knowledge Discovery, 2018, 32, 1806-1844.	2.4	28
10	Efficient discovery of time series motifs with large length range in million scale time series. , 2017, , .		19
11	A Self-Learning and Online Algorithm for Time Series Anomaly Detection, with Application in CPU Manufacturing. , 2016, , .		16
12	A Machine Learning Approach to False Alarm Detection for Critical Arrhythmia Alarms. , 2015, , .		14
13	HIME: discovering variable-length motifs in large-scale time series. Knowledge and Information Systems, 2019, 61, 513-542.	2.1	14
14	Finding approximate frequent patterns in streaming medical data. , 2010, , .		13
15	Exploring variable-length time series motifs in one hundred million length scale. Data Mining and Knowledge Discovery, 2018, 32, 1200-1228.	2.4	13
16	Linear Time Complexity Time Series Classification with Bag-of-Pattern-Features. , 2017, , .		12
17	Towards Accurate Run-Time Hardware-Assisted Stealthy Malware Detection: A Lightweight, yet Effective Time Series CNN-Based Approach. Cryptography, 2021, 5, 28.	1.4	12
18	Efficient Discovery of Unusual Patterns in Time Series. New Generation Computing, 2006, 25, 61-93.	2.5	10

#	Article	IF	Citations
19	Iterative Grammar-Based Framework for Discovering Variable-Length Time Series Motifs. , 2016, , .		9
20	Time Series Data Mining with an Application to the Measurement of Underwriting Cycles. North American Actuarial Journal, 2019, 23, 469-484.	0.8	7
21	IterativE Grammar-Based Framework for Discovering Variable-Length Time Series Motifs. , 2017, , .		6
22	TrajViz: A Tool for Visualizing Patterns and Anomalies in Trajectory. Lecture Notes in Computer Science, 2017, , 428-431.	1.0	6
23	Linear Time Complexity Time Series Clustering with Symbolic Pattern Forest. , 2019, , .		6
24	Frequent Set Mining for Streaming Mixed and Large Data. , 2015, , .		5
25	Discovering Subdimensional Motifs of Different Lengths in Large-Scale Multivariate Time Series. , 2019, , .		5
26	Time series clustering in linear time complexity. Data Mining and Knowledge Discovery, 2021, 35, 2369-2388.	2.4	5
27	Improving the recognition of grips and movements of the hand using myoelectric signals. BMC Medical Informatics and Decision Making, 2016, 16, 78.	1.5	4
28	Deep Stacked Ensemble Recommender. , 2019, , .		4
29	Finding structurally different medical data. , 2009, , .		1
30	Using myoelectric signals to recognize grips and movements of the hand. , 2015, , .		1