Vangipuram Radhakrishna

List of Publications by Year
in descending order

72	1,959	394421 19	501196 28
papers	citations	h-index	g-index

74	74	74	299
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	G-SPAMINE: An approach to discover temporal association patterns and trends in internet of things. Future Generation Computer Systems, 2017, 74, 430-443.	7.5	150
2	A novel fuzzy gaussian-based dissimilarity measure for discovering similarity temporal association patterns. Soft Computing, 2018, 22, 1903-1919.	3.6	99
3	GARUDA: Gaussian dissimilarity measure for feature representation and anomaly detection in Internet of things. Journal of Supercomputing, 2020, 76, 4376-4413.	3.6	95
4	A novel fuzzy similarity measure and prevalence estimation approach for similarity profiled temporal association pattern mining. Future Generation Computer Systems, 2018, 83, 582-595.	7.5	64
5	ASTRA - A Novel interest measure for unearthing latent temporal associations and trends through extending basic gaussian membership function. Multimedia Tools and Applications, 2019, 78, 4217-4265.	3.9	61
6	A similarity measure for temporal pattern discovery in time series data generated by IoT. , 2016, , .		55
7	GANDIVA - Time Profiled Temporal Pattern Tree. , 2018, , .		53
8	An Approach for Mining Similarity Profiled Temporal Association Patterns Using Gaussian Based Dissimilarity Measure. , 2015, , .		50
9	SRIHASS - a similarity measure for discovery of hidden time profiled temporal associations. Multimedia Tools and Applications, 2018, 77, 17643-17692.	3.9	48
10	Similarity Based Feature Transformation for Network Anomaly Detection. IEEE Access, 2020, 8, 39184-39196.	4.2	46
11	A similarity measure for outlier detection in timestamped temporal databases. , 2016, , .		44
12	A computationally efficient approach for temporal pattern mining in IoT. , 2016, , .		43
13	Mantra. , 2018, , .		43
14	A machine learning approach for imputation and anomaly detection in <scp>IoT</scp> environment. Expert Systems, 2020, 37, e12556.	4.5	43
15	A Survey on Temporal Databases and Data mining. , 2015, , .		40
16	Sequential Approach for Mining of Temporal Itemsets. , 2018, , .		40
17	Clustering and Classification of Software Component for Efficient Component Retrieval and Building Component Reuse Libraries. Procedia Computer Science, 2014, 31, 1044-1050.	2.0	39
18	Krishna Sudarsana. , 2018, , .		39

#	Article	IF	Citations
19	Mining Outlier Temporal Association Patterns. , 2016, , .		37
20	Ultimate. , 2018, , .		37
21	A Novel Approach for Mining Similarity Profiled Temporal Association Patterns Using Venn Diagrams. , 2015, , .		35
22	A modified Gaussian similarity measure for clustering software components and documents. , 2014, , .		34
23	A computationally optimal approach for extracting similar temporal patterns. , 2016, , .		34
24	Estimating Prevalence Bounds of Temporal Association Patterns to Discover Temporally Similar Patterns. Advances in Intelligent Systems and Computing, 2017, , 209-220.	0.6	34
25	Kaala vrksha. , 2018, , .		34
26	Discovery of time profiled temporal patterns. , 2019, , .		30
27	Mining of outlier temporal patterns. , 2016, , .		29
28	Clustering Software Components for Component Reuse and Program Restructuring. , 2013, , .		27
29	Clustering Software Components for Program Restructuring and Component Reuse Using Hybrid XNOR Similarity Function. Procedia Technology, 2014, 12, 246-254.	1.1	25
30	Nirnayam. , 2019, , .		24
31	Clustering Software Components for Program Restructuring and Component Reuse Using Hybrid XOR Similarity Function. AASRI Procedia, 2013, 4, 319-328.	0.6	23
32	Clustering Software Project Components for Strategic Decisions and Building Reuse Libraries. , 2015, , .		23
33	Looking into the possibility of novel dissimilarity measure to discover similarity profiled temporal association patterns in IoT. , 2016, , .		23
34	Krishna Sudarsanaâ€"A Z-Space Interest Measure for Mining Similarity Profiled Temporal Association Patterns. Foundations of Science, 2020, 25, 1027-1048.	0.7	23
35	A Novel Gaussian Based Similarity Measure for Clustering Customer Transactions Using Transaction Sequence Vector. Procedia Technology, 2015, 19, 880-887.	1.1	22
36	Software Component Clustering and Classification Using Novel Similarity Measure. Procedia Technology, 2015, 19, 866-873.	1.1	22

#	Article	IF	Citations
37	Tree based data fusion approach for mining temporal patterns. , 2019, , .		22
38	VRKSHA: a novel tree structure for time-profiled temporal association mining. Neural Computing and Applications, 2020, 32, 16337-16365.	5.6	22
39	Ultimate: Unearthing Latent Time Profiled Temporal Associations. Foundations of Science, 2020, 25, 1147-1171.	0.7	21
40	A Temporal Pattern Mining Based Approach for Intrusion Detection Using Similarity Measure. , 2015, , .		20
41	Design and Analysis of Novel Kernel Measure for Software Fault Localization. , 2015, , .		20
42	An Approach for Mining Similar Temporal Association Patterns in Single Database Scan. Smart Innovation, Systems and Technologies, 2016, , 607-617.	0.6	20
43	Design and analysis of a novel temporal dissimilarity measure using Gaussian membership function. , 2017, , .		20
44	A recent survey on challenges in security and privacy in internet of things. , 2019, , .		19
45	Estimating temporal pattern bounds using negative support computations. , 2016, , .		18
46	Document Clustering Using Hybrid XOR Similarity Function for Efficient Software Component Reuse. Procedia Computer Science, 2013, 17, 121-128.	2.0	17
47	Looking into the possibility for designing normal distribution based dissimilarity measure to discover time profiled association patterns. , 2017, , .		16
48	Optimising business intelligence results through strategic application of software process model. International Journal of Intelligent Enterprise, 2017, 4, 128.	0.2	16
49	Strategic Application of Software Process Model to Optimize Business Intelligence Results. , 2015, , .		14
50	A Single Database Scan Approach for Mining Temporally Similar Association Patterns. , 2016, , .		14
51	Automating ETL process with scripting technology. , 2012, , .		11
52	GANDIVA. International Journal of Information Technology and Web Engineering, 2019, 14, 1-18.	1.6	11
53	An imputation measure for data imputation and disease classification of medical datasets. AIP Conference Proceedings, 2019, , .	0.4	8
54	A two way pattern matching algorithm using sliding patterns. , 2010, , .		7

#	Article	IF	Citations
55	Constraint based Sequential Pattern Mining in Time Series Databases - A Two Way Approach. AASRI Procedia, 2013, 4, 313-318.	0.6	7
56	High performance pattern search algorithm using three sliding windows. , 2012, , .		6
57	Study of Detection of DDoS attacks in cloud environment Using Regression Analysis. , 2021, , .		6
58	Challenge Paper: The Vision for Time Profiled Temporal Association Mining. Journal of Data and Information Quality, 2021, 13, 1-8.	2.1	6
59	Optimising business intelligence results through strategic application of software process model. International Journal of Intelligent Enterprise, 2017, 4, 128.	0.2	6
60	Design of Gaussian Similarity Measure for Network Anomaly Detection. , 2021, , .		3
61	Fuzzy Feature Similarity Functions for Feature Clustering and Dimensionality Reduction. , 2021, , .		3
62	Optimal pattern search for sequence databases. , 2010, , .		2
63	Optimal pattern search for database systems. , 2013, , .		2
64	Secure Data Transmission Using MS- Extended 8-bit ASCII Character Set. , 2015, , .		2
65	Regression analysis for network intrusion detection. , 2021, , .		2
66	A Systematic Review and Analysis on Deep Learning Techniques Used in Diagnosis of Various Categories of Lung Diseases. Mendel, 2021, 27, 80-89.	1.0	2
67	Web based ETL component extended with loading and reporting facilitations a financial application tool. , 2010, , .		1
68	A Survey of Similarity Measures for Time stamped Temporal Datasets. , 2021, , .		1
69	Design and Analysis of activation functions used in deep learning models. , 2021, , .		1
70	Implementation of web-ETL transformation with pre-configured multi-source system connection and transformation mapping statistics report. , 2010, , .		0
71	Similarity Association Pattern Mining in Transaction Databases. , 2021, , .		0
72	An Efficient Approach to find Similar Temporal Association Patterns Performing Only Single Database Scan. Revista Tecnica De La Facultad De Ingenieria Universidad Del Zulia, 0, , .	0.1	0