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Sl.No	Publication Details	Year
1	Girthana, K., and S. Swamynathan. "Query-Oriented Patent Document Summarization System (QPSS)." <i>Soft Computing: Theories and Applications</i> . Springer, Singapore, 2020. 237-246.	2020
2	Annamalai, Meera, and Swamynathan Sankaranarayanan. "Cloud data center design using delay tolerant based priority queuing model." <i>Int. Arab J. Inf. Technol.</i> 16.3 (2019): 482-491.	2019
3	Girthana, K., and S. Swamynathan. "Query Oriented Extractive-Abstractive Summarization System (QEASS)." <i>Proceedings of the ACM India Joint International Conference on Data Science and Management of Data</i> . 2019.	2019
4	Viji Rajendran V, S Swamynathan, " SD-CSR: Semantic-Based Distributed Cloud Service Registry in Unstructured P2P Networks for Augmenting Cloud Service Discovery", <i>Journal of Network and Systems Management</i> , published by Springer. pp. 1--22 (2018).	2018
5	Shanmuigapriya T and Swamynathan S, " Reliability score inference and recommendation using fuzzy-based technique for social media applications", <i>Soft Computing</i> , published by Springer. Vol. 22, Issue 24, pp. 8289--8300 (2018).	2018
6	Kanagaraj K and Swamynathan S, "Structure aware resource estimation for effective scheduling and execution of data intensive workflows in cloud", <i>Future Generation Computer Systems</i> , published by Elsevier. Vol. 79, pp. 878-891 (2018).	2018
7	Sasirekha, S., S. Swamynathan, and S. Suganya. "An ECC-based algorithm to handle secure communication between heterogeneous IoT devices." <i>Advances in Electronics, Communication and Computing</i> . Springer, Singapore, 2018. 351-362.	2018
8	Girthana, K., and S. Swamynathan. "Semantic query-based patent summarization system (SQPSS)." <i>International Conference on Intelligent Information Technologies</i> . Springer, Singapore, 2018.	2018
9	Kanagaraj, K., S. Swamynathan, and A. Karthikeyan. "Cloud Enabled Intrusion Detector and Alerter Using Improved Deep Learning Technique." <i>International Conference on Intelligent Information Technologies</i> . Springer, Singapore, 2018.	2018
10	Sasirekha, S., I. Joe Louis Paul, and S. Swamynathan. "An API Centric Smart Kitchen Application." <i>2018 International Conference on Computer, Communication, and Signal Processing (ICCCSP)</i> . IEEE, 2018.	2018

11	Girthana, K., and S. Swamynathan. "Efficient prior-art retrieval of patent documents using mapreduce paradigm." <i>Proceedings of the International Conference on Computing and Communication Systems</i> . Springer, Singapore, 2018.	2018
12	Girthana, K., and S. Swamynathan. "Patent Document Clustering Using Dimensionality Reduction." <i>Progress in Advanced Computing and Intelligent Engineering</i> . Springer, Singapore, 2018. 167-176.	2018
13	Sasirekha, S., S. Swamynathan, and S. Keerthana. "A Generic Context-Aware Service Discovery Architecture for IoT Services." <i>International Conference on Intelligent Information Technologies</i> . Springer, Singapore, 2017.	2017
14	Kanagaraj, K., and S. Swamynathan. "Workflow Scheduling Using IOT Enabled Reputation of Service Providers in the Cloud." <i>International Conference on Intelligent Information Technologies</i> . Springer, Singapore, 2017.	2017
15	Sundararaman, Dhanasekar, et al. "Customizable Vehicle Tracking with Intelligent Prediction System." <i>Conference on e-Business, e-Services and e-Society</i> . Springer, Cham, 2017.	2017
16	Sasirekha, S., and S. Swamynathan. "A Dual Protocol Stack for Intelligent Traffic Monitoring System." <i>International Conference on Smart Trends for Information Technology and Computer Communications</i> . Springer, Singapore, 2017.	2017
17	Sasirekha S and Swamynathan S, "Fuzzy rule based environment monitoring system for weather controlled laboratories using arduino", <i>International Journal of Intelligent Information Technologies (IJIIT)</i> , published by IGI Global. Vol. 13, Issue 1, pp. 50-66 (2017).	2017
18	Sasirekha S and Swamynathan S, "Cluster-chain mobile agent routing algorithm for efficient data aggregation in wireless sensor network", <i>Journal of Communications and Networks</i> , published by IEEE. Vol. 19, Issue 4, pp. 392-401 (2017).	2017
19	Raja, M. Arun Manicka, and S. Swamynathan. "Tweet Cluster Analyzer: Partition and Join-based Micro-clustering for Twitter Data Stream." <i>Computational Intelligence in Data Mining</i> . Springer, Singapore, 2017. 671-682.	2017
20	Shanmughapriya, T., and S. Swamynathan. "Theoretical Framework for Privacy in Interpersonal Information Communication." <i>Proceedings of the International Conference on Data Engineering and Communication Technology</i> . Springer, Singapore, 2017.	2017
21	Sasirekha, S., et al. "Smart Helmet with Emergency Notification System-A Prototype." <i>3rd International Conference on Wireless Communication and Sensor Networks (WCSN 2016)</i> . Atlantis Press, 2016.	2016
22	Shanmughapriya, T., and S. Swamynathan. "Privacy Preserving Interceptor for Online Social Media Applications." <i>International Conference on Mining Intelligence and Knowledge Exploration</i> . Springer, Cham, 2016.	2016

23	Sasirekha, S., et al. "Analysis of Application Layer Protocols in Internet of Things." <i>International Conference on Advances in Computing and Data Sciences</i> . Springer, Singapore, 2016.	2016
24	Rajendran, V. Viji, and S. Swamynathan. "Parameters for comparing cloud service providers: A comprehensive analysis." <i>2016 International Conference on Communication and Electronics Systems (ICCES)</i> . IEEE, 2016.	2016
25	S Sasirekha, S Swamynathan, "Service Provisioning Middleware for Wireless Sensor Network", International Conference on Frontiers in Intelligent Computing: Theory and Applications International Conference on Frontiers in Intelligent Computing, pp. 329-343 (2016).	2016
26	VV Rajendran, S Swamynathan, "Queuing Model for Improving QoS in Cloud Service Discovery", International Conference on Frontiers in Intelligent Computing: Theory and Applications (FICTA) 2015, published by Springer India. pp. 647-656 (2016).	2016
27	M Arun Manicka Raja, S Swamynathan, "Tweet Analyzer: Identifying Interesting Tweets Based on the Polarity of Tweets", Computational Intelligence in Data Mining, published by Springer India. pp. 307-316 (2016).	2016
28	Swamynathan S, "Enhanced Cloud Service Discovery for Naïve users with Ontology based Representation", KSII Transactions on Internet and Information Systems (TIIS), published by KSII. Vol. 10, Issue 1, pp. 38-57 (2016).	2016
29	Emilin Shyni C, Sundar A, Anesh D, Swamynathan S, "Consistency Testing of Phishing Websites based on Random Model Approach using Classification Algorithms", Asian Journal of Research in Social Sciences and Humanities, published by Asian Research Consortium. Vol. 6, Issue 11, pp. 350-366 (2016).	2016
30	Emilin Shyni C, Sarju S and Swamynathan S, "A Multi-Classifer Based Prediction Model for Phishing Emails Detection Using Topic Modelling, Named Entity Recognition and Image Processing", Circuits and Systems, published by Scientific Research Publishing. Vol. 7, Issue 9, pp. 2507-2520 (2016).	2016
31	Viji Rajendran V, Swamynathan S, "Hybrid model for dynamic evaluation of trust in cloud services", Wireless Networks, published by Springer. Vol. 22, Issue 6, pp. 1807-1818 (2016).	2016
32	Paulraj D, Swamynathan S, Chandran Daniel, Balasubadra K and M Vigilson Prem, "Service composition and execution plan generation of composite semantic WEB services using abductive event calculus", Computational Intelligence, published by Wiley Online Library. Vol.32, Issue 4, pp. 711-737 (2016).	2016
33	Kanagaraj, K., and S. Swamynathan. "A realistic approach for representing and scheduling workflows in cloud computing environment." <i>2016 International Conference on Advances in Computing, Communications and Informatics (ICACCI)</i> . IEEE, 2016.	2016
34	Raja, M. Arun Manicka, and S. Swamynathan. "Ensemble learning for network data stream classification using similarity and online genetic algorithm classifiers." <i>2016 International Conference on Advances in Computing, Communications and Informatics (ICACCI)</i> . IEEE, 2016.	2016
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38	Shanmughapriya, T., and S. Swamynathan. "An alert system based on shared score for online social networks." <i>Proceedings of the Second International Conference on Information and Communication Technology for Competitive Strategies</i> . 2016.	2016
39	R Deepa, S Swamynathan, "AHP-Entropy-TOPSIS based Clustering Protocol for Mobile Ad Hoc Networks.", <i>Adhoc & Sensor Wireless Networks</i> , Vol. 24, (2015).	2015
40	V Viji Rajendran, S Swamynathan, "MOSS-IR: Multi-Ontology Based Search System for Information Retrieval in E-health Domain", <i>Procedia Computer Science</i> , published by Elsevier. Vol. 47, pp. 179-187 (2015).	2015
41	A Meera S Swamynathan, " Queue Based Q-Learning for Efficient Resource Provisioning in Cloud Data Centers", <i>International Journal of Intelligent Information Technologies</i> , published by IGI Global Publisher. Vol. 11, Issue 4, pp. 37-54 (2015).	2015
42	S Sasirekha, S Swamynathan, "A Comparative Study and Analysis of Data Aggregation Techniques in WSN", <i>Indian Journal of Science and Technology</i> , (2015).	2015