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Papers published in International Journals

Publication year: 2020

1. J.Anitha,M.Kalaiarasu,"Optimized machine learning based collaborative filtering (OMLCF) recommendation system in e-commerce" in the Journal of Ambient Intelligence and Humanized Computing, Springer, June 2020 ISSN: 1868-5137 – **(Indexed by Scopus and Web of Science)**

2. J.Anitha, Dhivya.D, Harishma.S, Mythili.N, "Smart Body Posture Guidance System" in the International Journal of Engineering and Advanced Technology, Vol 9, Issue 5, May **2020.(ISSN: 2249-8958) (Scopus Indexed)**

3. J.Anitha, M.Raahavi, M.Rehapriadarsini,S.S.Sudarshana, "Abstractive Text Summarization", in the Journal of Xidian University, Volume 14, Issue 6, June2020 **(Scopus Indexed)**

4. M.Kalaiarasu, J.Anitha "Analysis of Micro Array Gene Expression Data Using Multi-Objective Binary Particle Swarm Optimization with Fuzzy Weighted Clustering (MOBPSO-FWC) Technique in the Journal of Medical Imaging and Health Informatics, Vol.10, Issue.2 , May 2020,pp 1049-1056. **(Scopus Indexed)**

Publication year: 2017

5. J.Anitha and M.Kalaiarasu, "An Improved Stock Prediction System Using Optimal Parallel Cat Swarm Optimization Approach in Online Social Media Posts for Medicine

1

Applications" in Research Journal of Biotechnology, Vol.(Special Issue II), August 2017. **(Indexed by Scopus, Web of Science)**

6. M.Kalaiarasu and J.Anitha "ATBCWCE: Automated Two-level variable Big Bang Big Crunch k-weighting Clustering Ensemble Framework for Multi view Temporal data and Cancer Data" in Research Journal of Biotechnology, Vol.(Special Issue II), August 2017. **(Indexed by Scopus, Web of Science)**

Publication year: 2016

7. J.Anitha and S.Chitra "A Survey of Various Load Balancing And Task Scheduling Techniques in Cloud Computing" in International Journal of Research in Computer Applications and Robotics (IJRCAR), Vol.4, Issue 3, March 2016.

8. J.Anitha and S.Chitra, "Approach to Improve Performance on Demand Task Scheduling and Load Balancing in Cloud Computing Environment" in International Journal of Advanced Technology in Engineering and Science (IJATES), Volume No.04, Issue No. 05,pp. 133-141 (ISSN: 2348-7550),May 2016.

Publication year: 2015

9. J.Anitha and Dr.R.Rangarajan, "Privacy Preserving Multiview Point Based Bat Clustering Algorithm and Graph Kernel Method for Data Disambiguation on Horizontally Partitioned Data", Research Journal of Applied Sciences, Engineering and Technology, Vol 10, No.6, pp.640-651, ISSN: 2040 7459, 2015. (Scopus Indexed)

10. J.Anitha and Dr.R.Rangarajan, "Multiview Point Based Cuckoo Search Clustering Algorithm for Privacy Preserving on Multiple Sensitive Attributes with Horizontally Partitioned Data", Middle-East Journal of Scientific Research (MEJSR), Vol.23, No.7, pp.1554-1566, ISSN: 1990-9233, 2015. **(Scopus Indexed)**

Publication year: 2017

1. Presented and published a paper titled, "Post Earthquake Disaster Awareness to Emergency Task Force using Crowdsourced Data" in the 12th IEEE International Conference on Industrial and Information Systems (ICIIS 2017) at Faculty of Engineering, University of Peradeniya, Sri Lanka. (**DOI:**10.1109/ICIINFS.2017.8300420) Electronic ISBN: 978-1-5386-1676-5 **(Scopus Indexed)**

Publication year: 2016

2. Presented a paper titled, "Approach to Improve Performance on Demand Task Scheduling and Load Balancing in Cloud Computing Environment" in 4th International Conference on Science, Technology and Management (ICSTM-16) at India International Centre, New Delhi on 15th May 2016.

Publication year: 2015

3. Presented a paper titled, "Measuring Privacy and Utility for Construction of Various User Profiles with Query Based Recommender System in Personalized Information Search" at 2nd International Conference on Engineering Technology and Science at Muthayammal College of Engineering, Rasipuram, Namakkal held on 5th & 6th March, 2015.

4. Presented a paper titled, "Privacy Preservation and Enhancing the Search Results in Personalized Web Search" in the 2015 IEEE International Conference on Engineering and Technology (ICETECH) organized by the Department of CSE & IT, Rathinam Technical Campus, Coimbatore on 20th March 2015.

Patents Filed:

- Filed a patent titled "VoiceAssistant System with Inbuilt Speech Recognition" on 31st August2020 and published on 11th September 2020.

Consultancy work:

- Completed the Data Mining project for Pricol Technologies, Coimbatore and generated a fund of Rs.52, 500 during the academic year 2016-2017.