

Dr. K.Venkatachalam Publications

- 1) K.Venkatachalam, A.Devipriya, J.Maniraj, M.Sivaram, A.Ambikapathy, Iraj S Amiri, “A Novel Method of motor imagery classification using eeg signal”, Journal Artificial Intelligence in Medicine Elsevier, Volume 103, March 2020, 101787
- 2) Yasoda, K., Ponmagal, R.S., Bhuvaneshwari, K.S. K Venkatachalam, “ Automatic detection and classification of EEG artifacts using fuzzy kernel SVM and wavelet ICA (WICA)” Soft Computing Journal (2020).
- 3) P. Prabu, Ahmed Najat Ahmed, K. Venkatachalam, S. Nalini, R. Manikandan,Energy efficient data collection in sparse sensor networks using multiple Mobile Data Patrons, Computers & Electrical Engineering, Volume 87,2020,
- 4) V.R. Balaji, Maheswaran S, M. Rajesh Babu, M. Kowsigan, Prabhu E., Venkatachalam K,Combining statistical models using modified spectral subtraction method for embedded system,Microprocessors and Microsystems, Volume 73,2020.
- 5) Malar, A.C.J., Kowsigan, M., Krishnamoorthy, N. S. Karthick, E. Prabhu & K. Venkatachalam (2020). Multi constraints applied energy efficient routing technique based on ant colony optimization used for disaster resilient location detection in mobile ad-hoc network. Journal of Ambient Intelligence and Humanized Computing, 01767-9.
- 6) Amin Salih Mohammed, Saravana Balaji B, Saleem Basha M S, Asha P N, Venkatachalam K(2020),FCO — Fuzzy constraints applied Cluster Optimization technique for Wireless AdHocNetworks,Computer Communications, Volume 154,Pages 501-508.
- 7) Ponmagal, R.S., Karthick, S., Dhiyanesh, B. et al. Optimized virtual network function provisioning technique for mobile edge cloud computing. J Ambient Intell Human Comput (2020).
- 8) Ramamoorthy, S., Ravikumar, G., Saravana Balaji, B. et al. MCAMO: multi constraint aware multi-objective resource scheduling optimization technique for cloud infrastructure services. J Ambient Intell Human Comput (2020).
- 9) Basha, A.J., Balaji, B.S., Poornima, S. et al. Support vector machine and simple recurrent network based automatic sleep stage classification of fuzzy kernel. J Ambient Intell Human Comput (2020)
- 10) Balaji, B.S., Balakrishnan, S., Venkatachalam, K. et al. Automated query classification-based web service similarity technique using machine learning. J Ambient Intell Human Comput (2020)

- 11) Viji, C., Rajkumar, N., Suganthi, S.T. et al. An improved approach for automatic spine canal segmentation using probabilistic boosting tree (PBT) with fuzzy support vector machine. J Ambient Intell Human Comput (2020).
- 12) K Venkatachalam, S Balakrishnan, R Prabha, SP Premnath, Effective Feature Set Selection And Centroid Classifier Algorithm For Web Services Discovery, International Journal of Pure and Applied Mathematics, Vol 119, issues-12, pp 1157-1172, 2018
- 13) Venkatachalam K, Karthikeyan NK, Kannimuthu S (2016a) Comprehensive survey on semantic web service discovery and composition. Adv Nat Appl Sci AENSI Publ 10(5):32–40
- 14) Venkatachalam K, Karthikeyan NK (2018) A framework for constraint based web service discovery with natural language user queries. J Adv Res Dyn Control Syst, Elsevier Publication 05-Special Issue, 1310–1316
- 15) K.Venkatachalam, N.K.Karthikeyan, S.Lavanya, 2016. A Framework for Constraint Based Web Service Discovery with Natural Language User Queries. International Conference on Engineering Technology and Science (ICETS'16)