

Department of Computer Science and Engineering

International Journal Publications, 2019 July - 2020 June

1. Madheswari.K, Venkateswaran.N, "Particle Swarm Optimization aided Weighted Averaging Fusion Strategy for CT and MRI Medical Images", International Journal of Biomedical Engineering and Technology", Vol.31(3), July 2019, pp.278-289. [SJR:0.2]
2. Sujaudeen, N & Mirnalinee, TT, "TARNN Task Aware Autonomic Resource Management using Neural Networks in Cloud Environment", Concurrency and computation: Practice and Experience, August 2019, Wiley, <https://doi.org/10.1002/cpe.5463> [Online First]. (Thomson Reuters IF: 1.167).
3. Sujaudeen, N & Mirnalinee, TT, "A Novel Dynamic Data Replication Strategy To Improve Access Efficiency Of Cloud Storage", Information Systems and e-Business Management, Springer, August 2019. <https://doi.org/10.1007/s10257-019-00422-x> [Online First]. (Thomson Reuters IF: 1.621).
4. Venkataramana, L., Jacob, S. G., Ramadoss, R., Saisuma, D., Haritha, D., & Manoja, K, "Improving Classification Accuracy Of Cancer Types Using Parallel Hybrid Feature Selection On Microarray Gene Expression Data", Genes & Genomics, Vol.41 (11) , August 2019, pp. 1301-1313. (Thomson Reuters IF: 0.759).
5. N.Venkatesvara Rao, D.Venkata Vara Prasad, Rajesh. M "An Augmented Reality Multimedia (ARM): A Dynamic Multimedia Encyclopedia on Mobile Device", International Journal of Innovative Technology and Exploring Engineering (IJITEE) Vol.8(11S), September 2019, pp.1298-1302, ISSN: 2278-3075.
6. Jansi Rani SV, Priyadharsini R and Kavya R, "Advanced Driver Assistance System using Image Processing Techniques", International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol.9(2), December 2019, pp-3377-3382, ISSN:2278-3075.
7. Bharathi B, Bhuvana J, "Human Activity Recognition using Deep and Machine Learning Algorithms", International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol.9(4), February 2020, pp.2460 - 2466. ISSN: 2278-3075.
8. Sarath Chandran K. R and Premanand V. Chandramani, "Energy- efficient system-on-chip reconfigurable architecture design for sum of absolute difference computation in motion estimation process of H.265/HEVC video encoding", International Journal of Concurrency and Computation: Practices and Experience.[Online First: July 2019] (Thomson Reuters IF:1.167), (<https://doi.org/10.1002/cpe.5461>).
9. Sarath Chandran K R, and Premanand Venkatesh Chandramani, "Hardware software codesign framework for sum of absolute difference based block matching in motion estimation", Journal of Microprocessors and Microsystems (Elsevier), Vol.74. [Online First February 2020] (Thomson Reuters IF: 1.045) <https://doi.org/10.1016/j.micpro.2020.103012>).

10. Ambika, M., Raghuraman, G., SaiRamesh, L, Ayyasamy, A, “Intelligence – based decision support system for diagnosing the incidence of hypertensive type”, Journal of Intelligent & Fuzzy Systems, Vol. 38(2), February 2020, pp. 1811-1825.
11. M Ambika, G Raghuraman, L SaiRamesh, “Enhanced decision support system to predict and prevent hypertension using computational intelligence techniques”, Soft Computing, February 2020. [Online First] <https://doi.org/10.1007/s00500-020-04743-9>.
12. Lokeswari Venkataramana, Shamona Gracia Jacob, S.Saraswathi and D.VenkataVara Prasad “Identification of common and dissimilar biomarkers for different cancer types from gene expression of RNA sequencing data”, Journal of Gene Reports, Elsevier, March 2020, pp. 2524-0144. ISSN-100654.
13. H.Shahul Hamead, T.T.Mirnalinee, D.Kavipriya, " Emulation of burst-based adaptive link rates in NetFPGA towards green networking", Turkish Journal Of Electrical Engineering and Computer Sciences Vol.28(3), May 2020, pp.1246-1263. DOI: 10.3906/elk-1906-180. (**Thomson Reuters IF:0.7**).
14. M. Saritha and R. S. Milton, “A probabilistic logic approach to outcome prediction in team games using historical data and domain knowledge”, Journal of Ambient Intelligence and Humanized Computing, Springer, May 2020. (**Thomson Reuters IF: 1.91**) <https://doi.org/10.1007/s12652-020-01989-x> (Online First).