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5 Years Journal Publications:

1. T.Saranya, S.Sridevi, C.Deisy, Tran Duc Chung, M.K.A.Ahamed Khan, "Performance Analysis of Machine Learning Algorithms in Intrusion Detection System: A Review" accepted for publication in Procedia Computer Science, Elsevier, 2020
2. Merceline Fransis and C.Deisy," Mathematical and Visual Understanding of a Deep Learning Model Towards m-Agriculture for Disease Diagnosis", Archives of Computational Methods in Engineering, Springer , Impact factor (7.2), DOI : 10.1007/s11831-020-09407-3, 2020
3. A.M.Rajeswari and C.Deisy,"Fuzzy logic based associative classifier for slow learners prediction", Journal of Intelligent & Fuzzy Systems, vol. 36, no. 3, pp. 2691-2704, 2019,,DOI: 10.3233/JIFS-18748
4. M. Pradeepa, C. Deisy,"Enhancing purchase decision using multi-word target bootstrapping with part-of-speech pattern recognition algorithm"International Journal of Business Intelligence and Data Mining (IJBIDM), Vol. 15, No. 4, 2019,DOI: 10.1504/IJBIDM.2019.102805
5. S Ilankumaran, C Deisy "Quality-based pattern C2 code score-level fusion in multimodal biometric authentication system using pattern net", Springer, Soft Computing 23 (8), 2669-2682, Impact factor(2.78),2019, DOI: 10.1007/s00500-018-03751-0

6. S Ilankumaran and C Deisy, "Multi-biometric authentication system using finger vein and iris in cloud computing", Cluster Computing volume 22, pages 103–117(2019), DOI: 10.1007/s10586-018-1824-9
7. B. Subbulakshmi; C. Deisy, "An adaptive algorithm for frequent pattern mining over data streams using diffset strategy", International Journal of Business Information Systems (IJBIS), Vol. 31, No. 1, 2019, DOI: 10.1504/IJBIS.2019.099526 <https://doi.org/10.1504/ijbis.2019.099526>
8. Rajeswari, A.M. and Deisy, C, 'Prediction of risk factors for pre-diabetes using a frequent pattern-based outlier detection', International Journal of Biomedical Engineering and Technology, in press., S.No: 4858, ISSN: 1752-6426 (Annexure I- Sl. No. 4858).
9. B Subbulakshmi, C.Deisy, 'An improved incremental algorithm for mining weighted class-association rules', International Journal of Business Intelligence and Data Mining, Vol.13 No.1/2/3, pp.291 - 308, 2018, DOI: 10.1504/IJBIDM.2018.088437
10. K.Arul Deepa and C.DEISY, "Statistical pair pruning towards target class in learning-based anaphora resolution for Tamil", International Journal of Advanced Intelligence Paradigms (IJAIP), Vol. 9, No. 5/6, 2017, DOI: 10.1504/IJAIP.2017.088142
11. Diana, M., Deisy. C., Lossless Compression for Transmitting ECG in SMS with High Quality for Mobile Tele cardiology Systems, International Journal of AdHoc and Ubiquitous Computing, Vol.26 No.3, pp.157 - 166, 2017 DOI: 10.1504/IJAHUC.2017.087020
12. K.Murugeswari and C.Deisy, "An optimized approach to detect the identity of hidden information in gray-scale and color images", International Journal of Business Intelligence and Data Mining, Accepted for Publication ISSN:17438187
13. M.Diana and C.Deisy, "Android Based Real Time Cardiovascular Disease Diagnosis using Novel Feature Selection", International Conference on

Recent Trends in Engineering, Science and Technology, Science Direct - Energy Procedia, - (2016) 568 - 578 .

14. Diana, M., Deisy. C. m-CADE: A mobile based cardiovascular abnormality detection engine using efficient multi-domain feature combinations. Journal: Intelligent Data Analysis, vol. 20, no. 3, pp. 575-596, 2016,, DOI: 10.3233/IDA-160821
15. K Murugeswari and C. Deisy , "A novel approach to data hiding scheme", International Journal of Advanced Engineering Technology 2016, Vol. VII/Issue II /454-456 E-ISSN 0976-3945