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Publications (Last five years)

1. Montek Singh, Utkarsh Bajpai, Surya Prasath, "Generation of fashionable clothes using generative adversarial networks: A preliminary feasibility study" International Journal of Clothing Science and Technology, Volume 32, Issue 2, pp 177-187,2020
2. Praveena Akki, V Vijayarajan, "Energy Efficient Resource Scheduling Using Optimization Based Neural Network in Mobile Cloud Computing" Wireless Personal Communications, Springer, 2020
3. A Krishnamoorthy, V Vijayarajan, R Sapthagiri, "Automated Shopping Experience Using Real-Time IoT", Information Systems Design and Intelligent Applications, 209-222,2019.
4. S Kumar, S Agarwal, A Krishnamoorthy, V Vijayarajan, R Kannadasan, "Improving the Response Time in Smart Grid Using Fog Computing", Proceedings of the 2nd International Conference on Data Engineering and Communication Technology, 2019.
5. Praveena Akki, V Vijayarajan, "An efficient system model to minimize signal interference and delay in mobile cloud environment" Evolutionary Intelligence, Springer, pp 1-9, 2019
6. R Prasad, TS Gowtham, M Satnalika, A Krishnamoorthy, V Vijayarajan, "Automated Traffic Light System Using Blob Detection", Proceedings of the 2nd International Conference on Data Engineering and Communication Technology, 2019
7. P Akki, V Vijayarajan, "Machine Learning Algorithm-Based Minimisation of Network Traffic in Mobile Cloud Computing", Proceedings of the 2nd International Conference on Data Engineering and Communication Technology, 2019
8. Raja Krishnamoorthy Adhiyaman Manickam, Ezhilmaran Devarasan, Gunasekaran Manogaran, Naveen Chilamkurti, Vijayarajan Vijayan, Shubham Saraff, R.D.Jackson Samuel, "Bio-medical and latent fingerprint enhancement and matching using advanced scalable soft computing model", Journal of Ambient Intelligence and Humanized Computing, pp. 1-13,2018.
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10. A Krishnamoorthy, V Vijayarajan, "Energy aware routing technique based on Markov model in wireless sensor network", International Journal of Computers and Applications, 1-7, 2017.
11. M Verma, V Vijayarajan, G Sivashanmugam, DG Bessie Amali, "Effective implementation of hierarchical clustering", Materials Science and Engineering Conference Series 263 (4), 042094, 2017.
12. D Bhatnagar, AK Tiwari, V Vijayarajan, A Krishnamoorthy, "Classification of normal and abnormal images of lung cancer" Materials Science and Engineering Conference Series 263 (4), 042100, 2017.

13. K Ritwik Kulkarni, A Gaonkar, V Vijayarajan, K Manikandan, "Analysis of lower back pain disorder using deep learning ", Materials Science and Engineering Conference Series 263 (4), 042086,2017.
14. K Sukhadan, V Vijayarajan, A Krishnamoorthi, DG Bessie Amali, "Image based book cover recognition and retrieval", Materials Science and Engineering Conference Series 263 (4), 042088, 2017
15. S Dutta, BCS Manideep, S Rai, V Vijayarajan, "A comparative study of deep learning models for medical image classification", Materials Science and Engineering Conference Series 263 (4), 2017.
16. A Raahul, R Sapthagiri, K Pankaj, V Vijayarajan, "Voice based gender classification using machine learning", Materials Science and Engineering Conference Series 263 (4), 042083,2017
17. SM Susheel Kumar, D Laxkar, S Adhikari, V Vijayarajan, "Assessment of various supervised learning algorithms using different performance metrics", Materials Science and Engineering Conference Series 263 (4), 042087,2017.
18. V Vijayarajan, M Dinakaran, "A Review on Ontology Based Document and Image Retrieval Methods", Indian Journal of Science and Technology 8 (1), 2016.
19. V Vijayarajan, M Dinakaran, P Tejaswin, M Lohani, "A generic framework for ontology-based information retrieval and image retrieval in web data", Human-centric Computing and Information Sciences 6 (1), 2016.
20. R Kannadasan, G Sivashanmugam, V Vijayarajan, N Prabakaran, "An Integrated Approach for Configuring Hadoop Clusters by Ambari on Horton Sandbox", 2016
21. P Patel, R Shah, C Patel, V Vijayarajan, "Reliable Connectionless Transport Protocol for Fast Message Delivery", Indian Journal of Science and Technology 8 (S2), 284-290, 2015
22. R Dinakaran, M., Siva Shanmugam, G., Vijayarajan, V., Kannadasan, "A new combinational approach of android and brackets to manage employees via GPS", International Journal of Applied Engineering Research 10 (55), 3009-3013,2015.
23. Patel, P., Patel, C., Shah, R., Vijayarajan V, "A parallel disk scheduling algorithm for multicore architectures", Source of the Document International Journal of Applied Engineering Research, Vol.10,2015.
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25. V Geraldine Bessie Amali, D., Vijayarajan, "Accurate solution of benchmark linear programming problems using hybrid particle swarm optimization (PSO) algorithms" Source of the Document International Journal of Applied Engineering Research, Vol.10, 2015.