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1. Shraveen B.S, Selvakumar K, Rajesh M, Eshwar S, "Youtube Video Ranking: A NLP based System", International Journal of Recent Technology and Engineering (IJRTE), 8 (4), (2019), 1370-1375. (SCOPUS)

2. Selvakumar K Akshaya B, "Innovative Waste Management Technique Via Garbage Collecting Robotruck", International Journal of Recent Technology and Engineering (IJRTE), 8 (3), (2019), 272-277. (SCOPUS)

3. Vaibhav Bangwal Selvakumar Kamalnathan, Yash Mishra, Vijay Kumawat, "Evolution of Different Music Genres", International Journal of Engineering and Advanced Technology (IJEAT), 9 (1), (2019), 5138-5143. (SCOPUS)

4. Intelligent Temporal Classification and Fuzzy Rough Set-based Feature Selection Algorithm for Intrusion Detection System in WSNs. K Selvakumar, Marimuthu Karuppiah, L SaiRamesh, SK Hafizul Islam, Mohammad Mehedi Hassan, Giancarlo Fortino, and Kim-Kwang RaymondChoo. Journal of Information Sciences, 497, 77-90, Elsevier 2019. (SCI)

5. Wise Intrusion Detection System using Fuzzy Rough Set based Feature Extraction and Classification Algorithms, Selvakumar Kamalanathan, SaiRamesh Lakshmanan, and Kannan Arputharaj, International Journal of Operational Research-Inderscience, 35(1) 2019 87-107. (SCOPUS)

6. Performance Analysis of Flappy Bird playing agent using Artificial Neural Network and Genetic Algorithm. Selvakumar K, Yash Mishra, and Vijay Kumawat. (2019) Springer CCIS Series 1025 (ISSN No. 1865-0929). (SCOPUS)

7. CLOUD COMPUTING-TMACS: A Robust and Verifiable Threshold Multi-authority Access Control System in Public Cloud Storage. Selvakumar K., SaiRamesh L., Sabena S., Kannayaram G. (2019) Smart Intelligent Computing and Applications. Smart Innovation, Systems and Technologies, vol 105. Springer, Singapore. (SCOPUS)

8. Hashing based hybrid online voting using Amazon Web Services. Murali, S., Manimaran, A., Selvakumar, K., Dinesh Kumar, S. International Journal of Engineering & Technology, 7 (4.10) (2018) 295-297. (SCOPUS)

9. An intelligent/cognitive model of task scheduling for IoT applications in cloud computing environment, Sayantani Basu, Marimuthu Karuppiah, K Selvakumar, Kuan-Ching Li, SK Hafizul Islam, Mohammad Mehedi Hassan, Md Zakirul Alam Bhuiyan, Future Generation Computer Systems 88 (2018) 254–261. (SCI)

10. Embedded System in Passenger Car with Medical Safety and Alert System, Shantanu Chaudhary and Selvakumar K, International Research Journal in Advanced Engineering and Technology (IRJAET), 4(2), 3092-3095, 2018. (NON-SCOPUS)

11. An intelligent energy-aware secured algorithm for routing in wireless sensor networks, Selvakumar K, Sairamesh L, Kannan A, Wireless Personal Communications, 96(3),(2017) 4781-4798. (SCI)

12. Consumer Behvior Analysis using Big Data Analytic, K. Selva Kumar, Jasnoor Kaur and S.Ramani, International Journal of Control Theory and Applications, 10(30), 327-336, 2017. (NON-SCOPUS)

13. Distributed Denial of Service Attacks: A Survey, Pulkit Suhasaria, Ankit Garg, Ashwani Agarwal, Selvakumar K, Imperial Journal of Interdisciplinary Research (IJIR), 3(3), 1-13, 2017. (NON-SCOPUS)

14. Enhanced KMeans Clustering Algorithm for Evolving User Groups, K Selvakumar, LS Ramesh and A Kannan, Indian Journal of Science and Technology 8 (24), 1 2015. (SCOPUS)

15. Prevention of Multiple Spoofing Attacks with Dynamic MAC Address Allocation for Wireless Networks, R Vijayakumar, K Selvakumar, K Kulothungan, and A Kannan, International Conference on Communications and Signal Processing (ICCSP), 2014. (SCOPUS)

16. Application for Fuzzy Logic for User Classification in Personalized Web Search, K Selvakumar, GS Mahalakshmi, and S. Sendhilkumar, International Journal on Cybernetics & Informatics (IJCI) 3 (3), 2349. (NON-SCOPUS)

17. Challenges and Recent Trends in Personalized Web Search: A Survey, K Selvakumar, S Sendhilkumar, Third International Conference on Advanced Computing (ICoAC), 2011, 333339. (SCOPUS)

18. Brain FMRI Clustering using Interaction Kmeans Algorithm with PCA, K Vijay, and K Selvakumar. International Conference on Communications and Signal Processing (ICCSP), 2015. (SCOPUS)

19. Collaborative Approaches for Personalized Web Search Using Fuzzy Neural Networks, Selvakumar Kamalanathan, Sendhilkumar Selvaraju, Global Trends in Information Systems and Software Applications, 367376. (SCOPUS)

20. Fuzzy Clustering based Intelligent and Secured Energy-Aware Routing, Selvakumar Kamalanathan, SaiRamesh Lakshmanan, Kannan Arputharaj, Handbook of Research on Fuzzy and Rough Set Theory in Organizational Decision Making. (SCOPUS)

21. Dynamic Scheduling Algorithm for Reducing Start Time in Hadoop, S Gunasekaran, L SaiRamesh, S Sabena, K Selvakumar, S Ganapathy, Proceedings of the International Conference on Informatics and Analytics, 123. (SCOPUS)

22. Fuzzy Based Node Trust Estimation in Wireless Sensor Networks, K Selvakumar, L SaiRamesh, A Kannan, Asian Journal of Information Technology 15 (5), 951954. (SCOPUS)

23. Multiple Cancer's Prediction using Hybrid Naïve Baye's Classifier, S Sabena, LS Ramesh, K Selvakumar, Asian Journal of Research in Social Sciences and Humanities 6 (6), 17701782. (SCOPUS)

24. Integration of Artificial Neural Networks and Biometric Techniques for Individual Authentication, Prabu Sevugan, Selvakumar K, International Journal of Applied Engineering Research (IJAER) 9 (22), 13511. (SCOPUS)

25. Centroid Neural Network-based Clustering Technique using Competetive Learning, Selvakumar K and Sevugan Prabu, Proceedings of the 2009 IEEE International Conference on Systems, Man, and Cybernetics. (SCOPUS)

26. Centroid Neural Network-Based Clustering Technique Using Competitive Learning for image pixel clustering, L. Ramanathan K. Selvakumar, S. Prabu, 6th International Conference on Condition Monitoring and Machinery Failure Prevention Technologies. (SCOPUS)