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List of Publications

1. Future Engineering Curricula: Balancing Domain Competence with CPS Readiness, BB Nair, DSH Ram, MK Panda, AJ Balaji, TG Kumar, V Mohan, IEEE Design & Test 2020/7/27
2. Graph Similarity-based Hierarchical Clustering of Trajectory Data, BA Sabarish, R Karthi, T Gireesh Kumar, Procedia Computer Science 171, 32-41
3. An Ensemble Approach For Algorithmically Generated Domain Name Detection Using Statistical And Lexical Analysis, PM Anand, TG Kumar, PVS Charan, Procedia Computer Science 171, 1129-1136
4. Ransomware analysis using reverse engineering, S Naveen, TG Kumar, International Conference on Advances in Computing and Data Sciences, 185-194
5. Opportunistic mobile social networks: architecture, privacy, security issues and future directions, VRV Lakshmi, KT Gireesh, International Journal of Electrical and Computer Engineering 9 (2), 1145
6. Advance Persistent Threat Detection Using Long Short Term Memory (LSTM) Neural Networks, PVS Charan, TG Kumar, PM Anand, International Conference on Emerging Technologies in Computer Engineering, 45-54
7. Advanced Persistent Threat Analysis using Splunk, GKT Harikrishnan V N, International Journal of Pure and Applied Mathematics 118 (No. 20), 3761-3768
8. Neighbor Attack Detection in Internet of Things, A Thomas, TG Kumar, AK Mohan, Advanced Computational and Communication Paradigms, 187-196
9. Static and dynamic analysis for android malware detection, K Sugunan, TG Kumar, KA Dhanya, Advances in Big Data and Cloud Computing, 147-155
10. Clustering of trajectory data using hierarchical approaches, BA Sabarish, R Karthi, T Gireeshkumar, Computational Vision and Bio Inspired Computing, 215-226
11. A Highly Secured Image Steganography Using Bernoulli's Chaotic map and Binary hamming code, Vimalkumar Kand T. Gireesh Kumar Vinodhini, R. E., P. Malathi, International Journal of Pure and Applied Mathematics 2018
12. Spatial Outlier Detection Algorithm For Trajectory Data, R Karthi and T Gireeshkumar B A Sabarish, International Journal of Pure and Applied Mathematics 118 (7), 325-331
13. Facial expression classification using machine learning approach: A review, A Baskar, TG Kumar, Data Engineering and Intelligent Computing, 337-345
14. An improved approach for securing document images using dual cover, RE Vinodhini, P Malathi, TG Kumar, International Symposium on Signal Processing and Intelligent Recognition Systems 2017/9/13
15. Mobile Social Networks: Architecture, Privacy,Security Issues and Solutions, GKT Vimitha R Vidhya Lakshmi, Journal of Communications 12 (9), 524-531

16. Malware capturing and detection in dionaea honeypot, PD Ali, TG Kumar, 2017 Innovations in Power and Advanced Computing Technologies (i-PACT), 1-5
17. A survey on DNA and image steganography, RE Vinodhini, P Malathi, TG Kumar, 2017 4th International Conference on Advanced Computing and Communication Systems (ICACCS), 2017/1/6, 1-7
18. A computational approach to determine shielding effectiveness of carbon nanotube-based nanocomposites for EMC application, SS Prabhu, R Bhavani, GK Thonnuthodi, R Thiruvengadathan, Computational Materials Science 126, 400-406
19. A framework for dynamic malware analysis based on behavior artifacts, TGG Paul, TG Kumar, Proceedings of the 5th International Conference on Frontiers in Intelligent Computing: Theory and Applications, 2017, 551-559
20. Frontier Based Multi Robot Area Exploration Using Prioritized Routing., KR Sharma, D Honc, F Dusek, TG Kumar, ECMS, 2016/5/31, 25-30
21. Gigabit network intrusion detection system using extended bloom filter in reconfigurable hardware, AE Jose, T Gireeshkumar, Proceedings of the Second International Conference on Computer and Communication Technologies,2016, 11-19
22. High speed network intrusion detection system using FPGA, S Anuraj, P Premalatha, T Gireeshkumar, Proceedings of the Second International Conference on Computer and Communication Technologies, 2016, 187-194
23. Privilege-Based Scoring System Against Cross-Site Scripting Using Machine Learning, NS Sunder, T Gireeshkumar, Artificial Intelligence and Evolutionary Computations in Engineering Systems, 2016, 591-598
24. Relating the embedding efficiency of LSB steganography techniques in spatial and transform domains, P Malathi, T Gireeshkumar, Procedia Computer Science 93, 878-885
25. An autonomous obstacle avoiding and target recognition robotic system using kinect, A Velayudhan, T Gireeshkumar, Intelligent Computing, Communication and Devices, 643-649
26. A Probabilistic Method Toward SLAM for Mobile Robotic Systems, RS Anoop, T Gireeshkumar, G Saisuriyaa, Intelligent Computing, Communication and Devices, 285-291
27. A novel authentication framework for Hadoop, PK Rahul, T GireeshKumar, Artificial Intelligence and Evolutionary Algorithms in Engineering Systems, 2015, 333-340
28. A survey of location prediction using trajectory mining, BA Sabarish, R Karthi, T Gireeshkumar, Artificial Intelligence and Evolutionary Algorithms in Engineering Systems, 2015, 119-127
29. Secure seed-based sturdy OTP via convenient carry-on device, AK Mohan, TG Kumar, Artificial Intelligence and Evolutionary Algorithms in Engineering Systems, 2015, 447-455