

Journal Publications (2018-19)

1. Gayathri Nagasubramanian, Rakesh Kumar Sakthivel, Rizwan Patan, Amir H. Gandomi, **Muthuramalingam Sankayya**, BalamuruganBalusamy, Securing e-health records using keyless signature infrastructureblockchain technology in the cloud, Neural Computing and Applications, DOI<https://doi.org/10.1007/s00521-018-3915-1>, 2018.
2. 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, Vol.15 No.4, pp.478 – 506, 2019.
3. Murugeswari Kandavel, **Deisy Chelliah**, Ganesan Govindan, An optimized approach to detect the identity of hidden information in gray-scale and color images, International Journal of Business Intelligence and Data Mining, vol.15, no.1, pp.1-21, 2019.
4. S. Selvakumar, **A. Sheik Abdullah, R. Suganya**, “Decision Support System for Type II diabetes and its risk factor prediction using Bee based harmony search and Decision tree Algorithm”, International Journal of Biomedical Engineering and Technology, Inderscience Publishers. Vol. 29, No. 1, 2019.
5. **E. Ramanujam, S. Padmavathi**, A Review on Time Series Motif Discovery Techniques an Application to ECG Signal Classification: ECG Signal Classification Using Time Series Motif Discovery Techniques, International Journal of Artificial Intelligence and Machine Learning, vol.9, no.2, 2019.
6. **A. M. Abirami**, A. Askarunisa, T. S. B.Akshara, G.Prasannashree, K.Priyanga, K. Sarika, Context-based Feature Extraction Technique–LSI vs LDA, Data Mining and Knowledge Engineering, vol. 10, No. 5, pp. 85-92, 2018.
7. **C. V. Nisha Angeline**, Patient oriented decision making as a service using health IOT-cloud” in the Journal of International Pharmaceutical Research, pg 821-828, ISSN: 1674-0440, 2019.
8. Sruthi Sivakumar, **Padmavathi S**, An E-health Decision Support framework to predict the heart disorders,International Journal of Business Information Systems-Inderscience, August 2018, Accepted for publication
9. **S. Pudumalar**, K. Rohini, A Comparative Analysis on Customer Feedbacks for KGCS, Journal of Computational Information Systems,vol. 14, no.01,pp. 67-76, ISSN:1553-9105, 2018.
10. **M. Thangavel**, P. Varalakshmi, Enhanced DNA and ElGamal cryptosystem for secure data storage and retrieval in cloud, Cluster Computing, vol. 21, pp.1411–1437, 2018.

Book/Book Chapters (2018-19):

11. **S. Muthurmalaingam**, A. Bharathi, S. Rakesh kumar, N. Gayathri, R. Sathiyaraj, B. Balamurugan, IoT based Intelligent Transportation System (IoT-ITS) for Global Perspective: A Case Study, Internet of Things and Big Data Analytics for Smart Generation, Springer, 2019.
12. **C. Deisy**, Mercelin Francis, Implementation of Data mining algorithm with R, Sentiment Analysis and Knowledge Discovery in Contemporary Business, IGI Global, 2019.
13. **A. Sheik Abdullah**, S. Selvakumar, **R. Parkavi, R. Suganya, A. M. Abirami**, Big Data Analytics in Healthcare Sector, Machine Learning Techniques for Improved Business Analytics, IGI Global, 2019.
14. **A. Sheik Abdullah**, S. Selvakumar, **R. Parkavi, R. Suganya**, M. Venkatesh, An Introduction to Survival Analytics, Types and Its Applications, Biomechanics, Intech Open Publishers, UK, DOI: <http://dx.doi.org/10.5772/intechopen.80953>, 2019.
15. **C. V. Nisha Angeline, S. Muthuramalingam**, Raja Lavanya, Lightweight Secure Architectural Framework for Internet of Things, Book of Countering Cyber Attacks and Preserving the

Integrity and Availability of Critical Systems, IGI Global publications, ISBN 9781522583202, 2019.

16. **J. John Shiny, P. Karthikeyan**, A Study on Recent Trends in Cloud-Based Data Processing for IoT Era, Handbook of Research on Cloud Computing and Big Data Applications in IoT, IGI Global, ISBN13: 9781522584070, 2019.
17. **M. Thangavel**, V. Pavithra, R. Guru Roja, Network Manipulation Using Network Scanning in SDN, Artificial Intelligence and Security Challenges in Emerging Networks, IGI Global, DOI: 10.4018/978-1-5225-7353-1.ch004, 2019.
18. **M. Manikandakumar, P. Karthikeyan**, A Comprehensive Study on Internet of Things Security: Challenges and Recommendations, Handbook of Advancing Consumer-Centric Fog Computing Architectures, IGI Global, pp. 72-86, DOI: 10.4018/978-1-5225-7149-0.ch004, 2019.
19. **M. Manikandakumar**, D. K. Sri Subarnaa, R. Monica Grace, A Detailed Study on Security Concerns of VANET and Cognitive Radio VANETs, Handbook of Cognitive Social Mining Applications in Data Analytics and Forensics, IGI Global, pp. 252-264, DOI: 10.4018/978-1-5225-7522-1.ch013, 2019
20. **S. Sujitha, R. Parkavi**, Cyber Crime Investigation, Cyber Law, Privacy, and Security: Concepts, Methodologies, Tools, and Applications, IGI Global, 2019.
21. M. ArunFera, M. Saravanapriya, **J. John Shiny**, A Comprehensive Survey on Techniques Based on TPM for Ensuring the Confidentiality in Cloud Data Centers, Cloud Security: Concepts, Methodologies, Tools, and Applications, IGI Global, 2019.
22. **M. Thangavel**, P. Varalakshmi, S. Sridhar, R. Sindhuja, Privacy Preserving Public Auditing in Cloud: Literature Review, Cloud Security: Concepts, Methodologies, Tools, and Applications, IGI Global, 2019.
23. **M. Thangavel**, K. Pandiselvi, R. Sindhuja, Session Hijacking over Cloud Environment: A Literature Survey, Cloud Security: Concepts, Methodologies, Tools, and Applications, IGI Global, 2019.
24. **C. Jeyamala**, V. Pavithra, Developing Security Solutions for Telemedicine Applications: Medical Image Encryption and Watermarking, Smart Medical Data Sensing and IoT Systems Design in Healthcare, IGI Global, 2019.
25. **R. Suganya**, S. Rajaram, **A. Sheik Abdullah**, Big Data in Medical Image processing, CRC Press, 2018.
26. **A. M. Abirami**, A. Askarunisa, R. A. Shiva Shankari, R. Revathy, Ontology Based Feature Extraction From Text Documents, Applications of Security, Mobile, Analytic, and Cloud (SMAC) Technologies for Effective Information Processing and Management, IGI Global, pp.174-195, 10.4018/978-1-5225-4044-1.ch009, 2018.
27. **E. Ramanujam**, M. Prianga, Side Channel Attacks in Cloud Computing, Cognitive Social Mining Applications in Data Analytics and Forensics, IGI Global, 77-98, ISBN13: 9781522575221, DOI: 10.4018/978-1-5225-7522-1, 2018.
28. **C. V. Nisha Angeline, S. Muthuramalingam**, Raja Lavanya, Fog Computing and Its Role in the Internet of Things, Advancing Consumer-Centric Fog Computing Architectures, IGI Global, ISBN 9781522571490, 2018.
29. **S. Pudumalar**, K. S. Suriya, K. Rohini, Data Classification Prediction, Applications of Security, Mobile, Analytic, and Cloud (SMAC) Technologies for Effective Information Processing and Management, IGI Global, 2018.