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Publication Record

1. Book Chapter

Dr.S.Balaji, Dr.M.Parameshwari, G.Thiyagarajan, Lincy Jemina 2020 ,”**Agricultural Prediction Analysis on Plant-Leaf Disease using Image Processing and Machine Learning Techniques**” in Machine Learning and Applications , Chapter 14,Dipti Press, Chennai.

2. Patent Journal

1. Title of the Invention: “**Recognition of Underwater Blind Vision Using Artificial Intelligence**”, The Patent Office Journal No. 51/2019 Dated 20/12/2019 pp -61315.

3. International Journals- 12

1. **Balaji Subbiah**, Suthir Sriram, Rajesh Manoharan, Mohammad Obaidat, Suresh KC 2020 ,'**Selection of Intermediate Routes for Secure Data Communication Systems using Graph Theory Application and Grey Wolf Optimization Algorithm in MANETs**', IET Networks, online first April 2020, DOI: 10.1049/iet-net.2020.0051.(Web of Science, Scopus)

2. Mrs.M.Parameswari, Dr.P.Ezhilarasi , **Dr.S.Balaji** , Dr.S.Arun 2020 ‘**Valuable Vitality Remote Perceiving in Cloud IoT**’, TEST Engineering and Management, Vol 82,pp. 1986-1992.(Scopus)

3. **Balaji.S**, Subburaj.S, Sathish.N, and Bharat Raj.A 2019 ,‘**An Hybrid Defense Framework For Anomaly Detection in Wireless Sensor Networks**, Chapter -**Emerging Trends in Computing and Expert Technology –Springer** ,pp 915-922. (https://doi.org/10.1007/978-3-030-32150-5_92).(Scopus)

4. **Balaji.S**, Sasilatha.T 2019, ‘**A Peer to Peer Botnet Framework for Network Threat Detection in Wireless Networks**’ in **International Journal of Recent Technology and Engineering (IJRTE)**, Vol.7 ,Issue-5S2, pp 234-236.(ISSN: 2277-3878, <https://www.ijrte.org/wp-content/uploads/papers/v7i5s2/ES2037017519.pdf>).(Scopus)

5. **Balaji.S**, Sasilatha.T 2019, ‘**Detection of Denial of Service Attacks by Domination Graph Application in Wireless Sensor Networks**’ , **Cluster Computing- The Journal of Networks, Software Tools and Applications**, Volume 22(6), pp 15121 - 15126(<https://doi.org/10.1007/s10586-018-2504-5>).(SCIE)

6. **Balaji.S, Sasilatha.T** 2018, '**An Efficient Routing Approach for Detection of Syn Flooding Attacks in Wireless Sensor Networks**', in **EAI Endorsed Transactions on Energy Web and Information Technologies**, Vol.5 ,Issue 20,e7, pp.1-6.(, doi: 10.4108/eai.12-9-2018.155562,ISSN: 2032-944X).(Scopus)
7. **Balaji.S,Sasilatha.T** 2018, '**Strategic deployment and scheduling for facility location problem using domination graph in wireless sensor networks**' in **Asia Life Sciences-The Asian International Journal of Life Sciences** Vol.27(1), pp 125-139.(Scopus)
8. **Sasilatha.T, Balaji.S, Suresh Mohan Kumar.P** 2018, '**Detection Of Multi-Layer Attack Using Anticipated Relay Algorithm in Wireless Sensor Networks**' **International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)**,Vol. 8,Special issue 6,pp 831-836.(Scopus)
9. **Balaji.S,Dr.N.Pughazendi,S.E.Praveenkumar,V.Vishal,R.Vignesh**,2018, '**E-Medical Application using QR code with OTP generation**', **International Journal of Innovative Research in Science, Engineering and Technology**, Vol. 7, Special Issue 2,pp 86- 92.(Google Scholar)
10. **N Pughazendi, R Sathishkumar, S Balaji , S Sathyavenkateshwareen, S Subash Chander, V Surendar** 2018 , '**Heart attack and alcohol detection sensor monitoring in smart transportation system using Internet of Things**', **IEEE International Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS)**,Chennai, 21 June 2018 ,doi:10.1109/ICECDS.2017.8389564.(**IEEE Xplore, Scopus**).
11. **Sasilatha.T,Balaji.S** 2017, '**Malicious node detection system using hash chains approach in IoT based sensor networks**', **Journal of Advanced Research in Dynamical and Control Systems**, Issue 2,pp 501-513.(Scopus)
12. **Sasilatha.T, Balaji.S** 2017, '**Defending Web Servers from Denial of Service Attacks by Acknowledgement based Approach**', **International journal of Pure and Applied mathematics**, Vol.116 No. 24, pp 221-233.(Scopus)