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LIST OF PUBLICATIONS

International Journal Publication:

1. N.Balaji,S.Lakshmi,P.Mathiyalagan," An Efficient and Secure Feature Location Approach in Source Code Using Jacobian Matrix-Based Clustering, Neural Computing and Applications, Springer Publications (**Accepted for publications : Impact factor 4.74**)
2. N.Balaji,S.Lakshmi,P.Mathiyalagan,"An Efficient Scheme for Feature Location using Data Fusion and Data Mining in IOT Environment", International Journal of Software Practice and Experience,Wiley Publications pp.1-20 (**Impact Factor :1.786**)
3. S.Subhashini,P.Mathiyalagan,"Secured Energy Efficient framework for Enhancing the quality of Service in WSN incorporated Cloud Computing", International Journal of Wireless Personal Communication ,Springer Series. ISSN: 0929-6212 (Print) 1572-834X (Online). 1-28 (**Impact factor : 1.20**)
4. **P.Mathiyalagan**, T.R.Abinaya and Sivanandam S.N "An Iterative approach for dynamic efficient resource allocation ", International Journal of Modeling and Simulation, Taylor and Francis,UK ISSN:0228 6203 1925-7082 ,2016.
5. **P.Mathiyalagan**,"A Review of Wireless Sensor Network in Agriculture",International Journal of Biology,Engineering Science and Technology,ISSN 2305-6958,Vol 2,pp.1126-1134,2016
6. M. RajeshBabu, S.Moses, Siva Chelladurai, and **P.Mathiyalagan** ,"Proactive Alleviation Procedure to Handle Black Hole Attack and Its Version", Hindawi Publishing Corporation , Scientific World Journal Volume 2015, Article ID 715820, 11 pages , 2015
7. **P.Mathiyalagan**,B.Akila"An Improved Partitioning for optimizing Data Transfer in Hadoop Map Reduce System",International Journal of Applied Engineering Research,ISSN: 0973-4562,Vol.No.9,2015
8. **P.Mathiyalagan,Rincy Raphel** ," An Exploration of Changes Addressed in the Android Malware Detection Walkways",ICC3,Springer,October 2020.
9. **P.Mathiyalagan,S.Suvitha**,"Image fusion using Convolution neural network with Bilateral filtering",9th ICCCNT 2018 ,July 10-12,2018.

10. **P.Mathiyalagan**, "Medical image fusion using curvelet algorithm", 7th International Conference on advances in Computing, Communication and Informatics, Sep 19-22, 2018, PES, Bangalore, India.
11. **P.Mathiyalagan, Geethu.V, A.Shunmuga Priya**, "Smart Meter Data Analytics using R and Hadoop", IEEE conference on **Published in: Electro Information Technology (EIT)**, 2017 IEEE International Conference on , 14-17 May 2017 **IEEE Xplore: 02 October 2017 Electronic ISSN: 2154-0373 INSPEC Accession Number: 17214778, DOI: 10.1109/EIT.2017.8053438** ,IEEE, Lincoln, NE, USA
12. **P.Mathiyalagan**, "A Critical analysis on LoRAWAN for wireless sensor networks", accepted in ICCASP-2018 ,Springer AISC Series on **Springer Link**.
13. **P.Mathiyalagan** "Applications of wireless sensor network in irrigation" in the 2nd national conference on "Innovative research trends in computer science and technology" on march 4th 2017 conducted by Kongu Engineering College, Perundurai.
14. **P.Mathiyalagan** "Energy conservation approaches based on clustering in wireless sensor network" in the 3rd national conference on "Recent Trends in ubiquitous computing & communication Technology (RTUCCT-2016)" on 10th December 2016 at Bannari amman institute of technology, Sathyamangalam.
15. **P.Mathiyalagan** "A review on wireless sensor network in agriculture" in International conference on global innovations in computing technology ICGICT'16 during 4th and 5th march 2016 at Jay Shriram group of institutions, tirupur.
16. **P.Mathiyalagan**, "An Improved Partitioning for optimizing Data Transfer in Hadoop Map Reduce System", 2nd International Conference on Engineering Technology and Science ,March 5th and 6th ,2015.
17. **A.Manikandan, S.Ramalingam, P.Mathiyalagan** , "A Video Image Enhancement Technique using Super Interpolation Algorithm", Proceedings of International Conference on Artificial Intelligence and Smart city applications (AISGSC 2019), PSG College of Technology, 3-5 January, 2019 [**Recommended for Peer Review in Spring Series B**].