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LIST OF PUBLICATIONS

International Journal Publication:

2015

1. Parkavi. D and **Suresh.Y** “Energy Efficient Protocols Used in Wireless Sensor Networks”International Journal of Computer Science and Information Technologies, Vol. 6 (2),1894-1896, ISSN:0975 9646, 2015.

2016

2. M. Lakshmi , J. Senthilkumar , Y. Suresh”, Visually lossless compression for Bayer color filter array using optimized Vector Quantization”, Applied Soft Computing, Elsevier,Volume 46 Issue C, Pages 1030-1042, September 2016. (**Impact Factor :2.86**)
–**SCI Journal**
3. Dr.J.Senthilkumar, Dr.Y.Suresh and .S.S.Aravinth,” A Study Of Minimal Exposure Problems And Comparative Analysis Of Various Proposed Models For Wsns”, International Journal of Advanced Research in Management, Architecture, Technology and Engineering (IJARMATE) Vol. 2, Special Issue 14, April 2016.

2017

4. Elavarasan . G, Suresh .Y, “Intrusion Detection In Industrial Control System By Packet Behaviour Based Analysis”, International Journal of Research In Science Engineering And Technology, ISSN: 2394 – 739X Vol.4, Issue 4,pp 33-39, 2017
5. J. Gokulraj, Dr. J. Senthilkumar, Dr. Y. Suresh “ Distributed Data Storage Scheme and Efficient Way to Process Data in Wireless Sensor Network” International Journal of Scientific Research in Computer Science, Engineering and Information Technology Volume 2, Issue 4 ISSN : 2456-3307, pp 348-351, Aug 2017.

2018

6. Tamilselvi, Dr.J.Senthilkumar, Y.Suresh “Design of an Efficient VLSI Architecture for Adaptive Filter Using Systolic Architecture” Jour of Advanced Research in Dynamical & Control Systems,Vol. 10, 05-,Pp 1191-1197,Apr, 2018 (**Scopus**)
7. B. Ramesh, J. Senthilkumar, Y. Suresh, V. Mohanraj A Review and Survey on PAPR

2019

8. Mouliraj.V , Mohanraj.V , Senthilkumar.J , Suresh.Y , Shanmugaraja.P “Eye Direction Based Safety Navigation System for Physically Challenged Person” International Journal of Advanced Research in Computer and Communication Engineering, Vol. 8, Issue 1, January 2019
9. Raswanth Rajhen.M , Y.Suresh , Karthick.K “The Automated System to Detecting the Fabric Defect” International Journal of Advanced Research in Computer and Communication Engineering, Vol. 8, Issue 1, January 2019
10. S.S Aravinth, J. Senthilkumar, Y. Suresh, V. Mohanraj “A hybrid swarm intelligence based optimization approach for solving minimum exposure problem in wireless sensor networks” in concurrency and computation, Wiley Publishers
[.https://doi.org/10.1002/cpe.5370](https://doi.org/10.1002/cpe.5370) ,June 2019 (SCI- Journal, Impact Factor :1.167)
11. B. Ramesh, J. Senthilkumar, Y. Suresh, V. Mohanraj “Filter Bank Multicarrier Based Generalized Discrete Fourier Transform for Peak to Average Power Ratio Reduction” in Journal of Mobile Networks and Applications ,Springer, DOI: [10.1007/s11036-019-01391-8](https://doi.org/10.1007/s11036-019-01391-8) Oct 2019 (**SCI- Journal , Impact factor : 2.39**)
12. B. Ramesh, J. Senthilkumar, Y. Suresh, V. Mohanraj “Constrained pattern extension algorithm based peak power reduction techniques for MIMO-OFDM applications” in Computer Communications , Elsevier, vol 148, Pages 42-47, December 2019 (**SCI- Journal , Impact factor : 2.766**)
13. S.S.Aravinth, J.Senthilkumar, V.Mohanraj, Y.Suresh “An Improved Artificial Bees Colony Algorithm to Solve Minimal Exposure Problem in Wireless Sensor Networks” International journal of Innovative and Exploring Engineering (TM) Vol. 9, Issue 1, pages 1764-1771 Nov2019(**Scopus**)
14. **Y Suresh**, T Kalaivani, J Senthilkumar, V Mohanraj BF 2 VHDR based dynamic routing with hydrodynamics for QoS development in WSN , Mathematical Biosciences and Engineering , AIMS press Vol.17 (1), page 930-947 Nov 2019 – **SCI**

2020

15. S Roshni, J Senthilkumar, Y Suresh, V Mohanraj Advertisement valid time triggered firefly and fruit-fly inspired approach for efficient cluster formation and standby CH selection in hierarchical wireless sensor networks Journal of Ambient Intelligence and Humanized Computing, Springer page 1-17,2020 (**SCI**)
16. MH Kumar, V Mohanraj, Y Suresh, J Senthilkumar, G Nagalalli Trust aware localized routing and class based dynamic block chain encryption scheme for improved security in WSN Journal Of Ambient Intelligence And Humanized Computing ,Springer Heidelberg 2020/4/30 (**SCI – Impact factor 1.91**)
17. S Anusha, V Mohanraj, Y Suresh, J Senthilkumar Cooperative spectrum sensing in wireless sensor networks using forager bee’s intelligence Journal Of Ambient Intelligence And Humanized Computing Springer Heidelberg, 2020/5/14(**SCI – Impact factor 1.91**)
18. J Gokulraj, J Senthilkumar, Y Suresh, V Mohanraj Data consistency matrix based data processing model for efficient data storage in wireless sensor networks Computer Communications, Elsevier, Vol151, Page172-182 ,2020 (**SCI – Impact factor 2.766**)
19. D Karthikeyan, V Mohanraj, Y Suresh, J Senthilkumar Hybrid Intrusion Detection System Security Enrichment Using Classifier Ensemble Journal of Computational and Theoretical Nanoscience 17 (1), 434-438 , 2020
20. M Venkatesh, V Mohanraj Raj, Y Suresh Mining massive online location-based services from user activity using best first gradient boosted distributed decision tree, International Journal of Enterprise Network Management Vol11 (1), Page 3-13, 2020

International Conferences

1. **Suresh Y.**, Arumugam S, Chandrasekaran M., Senthilkumar J, Mohanraj V. and Lakshmipathi R. “A QSPS-PSR Approach on Differentiated TCP Flows for Internet Traffic”, International Conference on Advances in Recent Technologies in Communication and Computing, Kottayam, Kerala, 27-28, Oct 2009. Paper Indexed in IEEE Xplore Digital Library with ISBN: 978-1-4244-5104-3, 10.1109/ARTCom.2009.221.
2. Senthilkumar J Lakshmipathi R., Chandrasekaran M., **Suresh Y.** and Mohanraj V. “A Novel Bound Time Approach for Cluster Formation in Wireless Sensor Networks”, International Conference on Advances in Recent Technologies in Communication and

Computing, Kottayam, Kerala, 27-28, Oct 2009. Paper Indexed in IEEE Xplore Digital Library with ISBN: 978-1-4244-5104-3, DOI:10.1109/ ARTCom

3. R.Shivakumar , R.Lakshmipathi , **Y.Suresh** “Supplementary Excitation Controller design to enhance system Damping Ratio using an innovative swarm intelligence algorithm” International Conference on Power Systems-ICPS’09. Kharagpur, India, Pages1-6, Paper Indexed in IEEE Xplore Digital Library with ISBN: 978-1-4244-4330-7,DOI: 10.1109/ICPWS.2009.5442710
4. K Saraswathi, B Saravanan, Y Suresh, J Senthilkumar “Survey: A Hybrid Approach to Solve Cold-Start Problem in Online Recommendation System” in Proceedings of the International Conference on Intelligent Computing Systems (ICICS 2017–Dec 15th-16th 2017) organized by Sona College of Technology, Salem, Tamilnadu, India
5. Y Suresh, E Aarthi, A Godekar, R Geetha Detailed Investigation: Stratification of Phishing Websites Assisted by User Ranking Mechanism Proceedings of the International Conference on Intelligent Computing Systems (ICICS 2017–Dec 15th-16th 2017 organized by Sona College of Technology, Salem, Tamilnadu, India
6. G Mohanraj, Y Suresh, J Senthilkumar A Survey on Prescriptive Analytic Techniques Over Healthcare Data Mechanism Proceedings of the International Conference on Intelligent Computing Systems (ICICS 2017–Dec 15th-16th 2017 organized by Sona College of Technology, Salem, Tamilnadu, India