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PUBLICATIONS:

2020

1. S Hariharan, Kartiki Chikte, T Shankar, A Rajesh, S Fouziya Sulthana, "Optimization of feedback bits using firefly algorithm for interference reduction in LTE femtocell networks," in Soft Computing, pp 1-11,2020

2019

1. S. Fouziya Sulthana "Performance Analysis of Resource Scheduling in LTE Femtocell with Hybrid Access Mode" International Journal of Electrical and Computer Engineering (IAES), vol. 9, no. 5, pp. 1-10, Oct. 2019.

2018

1. S. Fouziya Sulthana, R. Nakkeeran, "Priority Based Resource Scheduling in Hybrid Access LTE Femtocell" Journal of Communication and Information Networks (Springer) vol. 3, no. 2, pp. 66-74, June 2018.
2. S. Fouziya Sulthana, R. Nakkeeran, S. Shaffath Hussain Shakir, A. Rajesh, "Investigation on Resource Scheduling for Combined Unicast and Multicast Services in LTE OFDMA System" Journal of High Speed Networks (IOS Press) vol. 24, no. 2, pp. 147-159, Mar. 2018.

2017

1. S. Fouziya Sulthana, R. Nakkeeran, "Performance evaluation of downlink packet scheduling for real time traffic in LTE system", International Journal of Information and communication Technology (Inderscience), vol. 10, no. 3, pp. 263-275, Mar. 2017.

2016

1. S. Fouziya Sulthana, R. Nakkeeran, "Resource scheduling for combined unicast and multicast services in downlink LTE system" International conference on electronics and communication systems, pp. 1102-1105, Feb 25-26, 2016, Coimbatore, India.

2015

1. S. Fouziya Sulthana, R. Nakkeeran, "Performance analysis of service based scheduler in LTE OFDMA system", Wireless Personal Communication (Springer), vol. 83, no. 2, pp. 841-854, 2015. doi: 10.1007/s11277-015-2429-8.
2. Fouziya S. S. H Shakir, Nakkeeran Rangaswamy, "A Simple Three Level Downlink Packet Scheduling to Improve Throughput in LTE Network" Communication Express (IEICE), vol. 4, no. 9, pp. 293-298, Sep. 2015. DOI:10.1587/comex.4.293.
3. S. Fouziya Sulthana, S. Shaffath hussain Shakir, "Performance Comparison of Different Processor to provide benchmarks for WiMAX Scheduling Applications" International Journal of Applied Engineering Research (RIP Publications), vol. 10, no. 1, pp. 643-661, 2015.
4. Rakesh Achar, Rajesh A, Nakkeeran R, Fouziya Sulthana, "Heterogeneous Resource Allocation in LTE based Femtocell Networks" International Conference on Circuit, Power and Computing Technologies(ICCPCT'15), Nagarkoil, Mar. 2015. doi: 10.1109/iccpct.2015.7159502

2014

1. S. Fouziya Sulthana, R. Nakkeeran, "Performance Evaluation of Downlink Packet Scheduling Algorithms in LTE" International conference on advances in communication, network and computing, Feb 21-22, 2014, Chennai.