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Areas of Research:

Wireless Networks and Security
Machine Learning
Optimization
IoT

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Publications:

1. Thilaga Shri Chandra AP, Senthilkumar L, Meenakshi M (2018). Material distributive topology design of UWB antenna using parallel computation of improved BPSO with FDTD. International Journal of Microwave and Wireless Technologies 1–9. DOI: <https://doi.org/10.1017/S1759078718001423>
2. L. Senthilkumar and M. Meenakshi, "Optimal Cross-Layer based Asymmetric Resource Allocation for Multidestination Relay Systems," IEEE Transactions on Wireless Communications, vol. 17, no. 1, p. 250 - 265, 2018.
DOI: <https://doi.org/10.1109/TWC.2017.2764898>
3. L. Senthilkumar and M. Meenakshi, "Cross-Layer Based Asymmetric Resource Allocation in Relay-Aided Cognitive Radio Networks," Wireless Personal Communications, vol. 97, no. 4, pp. 5543-5571, 2017.
DOI: <https://doi.org/10.1007/s11277-017-4794-y>
4. L. Senthilkumar, J. Vasantha Kumar and M. Meenakshi, "Lyapunov Optimization Based Cross Layer Approach for Green Cellular Network," Journal of Green engineering, vol. 5, no. 2, Apr. 2015.
DOI : <http://dx.doi.org/10.13052/jge1904-4720.523>
5. L. Senthilkumar and M. Meenakshi, "Asymmetric Resource Allocation in Relay-Aided Cognitive Radio networks," 2017 International Conference on Communication and Signal Processing (ICCSP), Chennai, 2017, pp. 1043-1047.
DOI: <https://doi.org/10.1109/ICCSP.2017.8286533>