

Publications

1. Balaji C.G., Anu Monisha, and Murugan, K, "**A Novel Hybrid UE Selection Scheme for Efficient Data Offloading Using D2D Communication**", The Computer Journal, published by Oxford University Press. (2020).
2. Balaji C.G., Nidhia Varghese, and Murugan, K, "**Optimal Handover Scheme for Device-to-Device Communication in Highly Mobile LTE HetNets**", International Journal of Communication Systems, published by Wiley. pp. 1-13 (2019).
3. Reshmi, T. R., & Murugan, K. (2018), "**Enhanced Passive Duplicate Address Detection (EPDAD) for Autoconfiguration in MANETs**" Journal of Information Science and Engineering (JISE), published by Institute of Information Science, Academia Sinica. Vol. 33, Issue 5, pp 1307-1322, ISSN 1016-2364. DOI:10.6688/JISE.2017.33.5.12, (IMPACT FACTOR: 0.299).
4. Sandhya.M.K, Murugan,.K, and P.Devaraj (2018), "**False Data Detection and Dynamic Selection of Aggregator Nodes with Pair-wise Key Establishment in Homogeneous Wireless Sensor Networks**", International Journal of Advanced Intelligence Paradigms, (IJAIP) published by Inderscience, Vol.10, Nos.1/2, pp. ISSN: 1755-0386. DOI:10.1504/IJAIP.2018.089493.
5. Reshmi, T. R., & Murugan, K. (2017), "**Light weight cryptographic address generation (LW-CGA) using system state entropy gathering for IPv6 based MANETs**", China Communications, published by IEEE, Vol. 14, Issue 9, pp 114-126. (IMPACT FACTOR: 0.0903).
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8. Reshmi, T. R. and Murugan, K (2016), “**Selective Address Allocator Configuration Protocol (SAACP) for Resource Constrained MANETs**”, Journal of Information Science and Engineering (JISE), published by Institute of Information science, Academia Sinica. Jan2016, Vol. 32, Issue 1, pp197-211, ISSN 1016-2364. (IMPACT FACTOR: 0.299).
9. Bhagyalakshmi.L and Murugan, K, (2016), “**Energy Balancing Zone Based Cluster Head Approach to Energy Hole Problem in Wireless Sensor Network**”, International Journal of Information and Communication Technology (IJICT: Inderscience), published by Inderscience. Vol.8, Issue 2, pp. 263-282, DOI: 10.1504/IJICT.2016. 074869, ISSN: 1466-6642.
10. Sherly Puspha Annabel, L and Murugan, K (2016), “**Traffic Based Energy Efficient MAC Protocol for Wireless Sensor Networks**”, International Journal of Information and Communication Technology (IJICT), published by Inderscience. Vol.8, no.2/3, Feb. 2016, DOI: 10.1504/IJICT.2016.074866, pp. 249-262. (IMPACT FACTOR:0.19)
11. Reshmi, T. R. and Murugan, K (2016), “**Secure and Reliable Autoconfiguration Protocol (SRACP) for MANETS**”, Wireless Personal Communications (WPC), Springer, April 2016, Vol. 89, Issue 4, pp. 1243-1264, DOI 10.1007/s11277-016-3314-9.v (IMPACT FACTOR:0.7)
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Research Institute (ETRI) Journal, published by Wiley. Vol. 37, No. 03, pp. 480-490, ISSN: 2233-7326. DOI:10.4218/etrij.15.0114.0688, (IMPACT FACTOR: 0.299).

13. Sathya Priya S and Murugan. K (2015), “**Improving TCP Performance in Wireless Networks by Detection and Avoidance of Spurious Retransmission Timeouts**”, Journal of Information Science and Engineering (JISE), published by Institute of Information Science, Academia sinica. Vol. 31, Issue 2, March 2015, pp.711-726, ISSN 1016-2364. (IMPACT FACTOR: 0.299).
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15. Sandhya.M.K, Murugan.K, and P.Devaraj (2015), “**Selection of aggregator nodes and elimination of false data in wireless sensor networks**”, Wireless Networks, Springer, vol. 21, Issue 4, pp.1327-1341, 2015, DOI10.1007/s11276-014-0859-y, ISSN:1022-0038, (IMPACT FACTOR: 1.01).
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