

List of Projects in Wireless Sensor Networks

S-Logix

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1. Privacy-Aware Caching in Information-Centric Networking, IEEE Transactions on Dependable and Secure Computing, March 2017 [NS2].
2. A Hybrid Model for Data Prediction in Real-World Wireless Sensor Networks, IEEE Communications Letters, May 2017 [NS2].
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5. Interference Resilient Duty Cycling for Sensor Networks under Co-existing Environments, IEEE Transactions on Communications, April 2017 [NS2].
6. Multiple Target Counting and Localization using Variational Bayesian EM Algorithm in Wireless Sensor Networks, IEEE Transactions on Communications, April 2017 [NS2].
7. Balanced Load Distribution with Energy Hole Avoidance in Underwater WSNs, IEEE Access, January 2017 [NS2].
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9. Intrusion Detection Based on State Context and Hierarchical Trust in Wireless Sensor Networks, IEEE Access, June 2017 [NS2].
10. A Secure Privacy-Preserving Data Aggregation Scheme based on Bilinear ElGamal Cryptosystem for Remote Health Monitoring Systems, IEEE Access, June 2017 [NS2].
11. Tradeoff Between Sensing Quality and Network Lifetime for Heterogeneous Target Coverage Using Directional Sensor Nodes, IEEE Access, June 2017 [NS2].
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14. Mobile Crowdsensing in Software Defined Opportunistic Networks, IEEE Communications Magazine, IEEE Communications Magazine, June 2017 [NS2].
15. Energy-efficient mobile data collection adopting node cooperation in an underwater acoustic sensor network, China Communications, June 2017 [NS2].
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25. Two phase wormhole detection approach for dynamic wireless sensor networks.” Wireless Communications, Signal Processing and Networking (WiSPNET), International Conference on. IEEE, 2016 [NS2].
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27. A fuzzy logic-based clustering algorithm for wsn to extend the network lifetime, IEEE sensors journal, 2016 [NS2].
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58. HORA: A Distributed Coverage Hole Repair Algorithm for Wireless Sensor Networks, IEEE Transactions on Mobile Computing, July 2015[NS2]
59. A Historical-Beacon-Aided Localization Algorithm for Mobile Sensor Networks, IEEE Transactions on Mobile Computing, June 2015 [NS2]
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61. A Lightweight Secure Scheme for Detecting Provenance Forgery and Packet Drop Attacks in Wireless Sensor Networks, IEEE Transactions on Dependable and Secure Computing, May-June 2015 [NS2]
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72. An Energy Efficient Critical Event Monitoring Routing Method for Wireless Sensor Networks. International Journal of Computer Applications, March 2015 [NS2]
73. Improving the Life of the Wireless Sensor Network using Energy Harvesting Clustering. International Journal of Computer Applications, March 2015 [NS2]
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75. Cost-Aware SEcure Routing (CASER) Protocol Design for Wireless Sensor Networks, IEEE Transactions on Parallel and Distributed Systems, April 2015 [NS2]
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79. Secure Data Aggregation Technique for Wireless Sensor Networks in the Presence of Collusion Attacks, January-February 2015 [NS2]

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122. Prototyped LEACH Routing Algorithm for the Enhancement of Energy Efficiency in Wireless Sensor Network, International Journal of Computer Applications, June 2014
123. Analysis and Improvement of Routing Protocol LEACH using TEEN, APTEEN and Adaptive Threshold in WSN, International Journal of Computer Applications, June 2014 [NS2]
124. Improving Congestion Performance in WSN by using Enhanced Algorithm, International Journal of Computer Applications, June 2014 [NS2]
125. Delay Analysis of ML-MAC Algorithm For Wireless Sensor Networks, International Journal of Computer Applications, June 2014 [NS2]
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127. Optimal Probabilistic Encryption for Secure Detection in Wireless Sensor Networks, IEEE Transactions on Information Forensics and Security, March 2014 [NS2]
128. QoS Aware Geographic Opportunistic Routing in Wireless Sensor Networks, IEEE Transactions on Parallel and Distributed Systems, 2014 [NS2]
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146. Intelligent Localization Algorithm for Temperature Monitoring using Wireless Sensor Networks, International Journal of Computer Applications, May 2014. [NS2]

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151. Towards Energy Efficient Big Data Gathering in Densely Distributed Sensor Networks, IEEE Transactions on Emerging Topics in Computing, 2014 [NS2/JAVA].
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157. MED-BS Clustering Algorithm for the Small-Scale Wireless Sensor Networks, Wireless Sensor Networks, May 2013 [NS-2]
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161. Improving the Network Lifetime in WSN through Enhanced LEACH, International Journal of Computer Applications, August 2013 [NS-2]
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171. Comparison of different Energy Minimization Techniques in Wireless Sensor Network, International Journal of Computer Applications, August 2013 [NS-2]
172. Lightweight Location Verification Algorithms for Wireless Sensor Networks, IEEE Transactions on Parallel and Distributed Systems, May 2013 [NS2]
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175. Energy Efficient Routing Strategies for Clustered Wireless Sensor Networks: An Analytical Framework, International Journal of Computer Applications, July 2013 [NS-2]
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226. Maximal Weight Topology Discovery in Ad hoc Wireless Sensor Networks, IEEE, 2010 [NS2]
227. Improved algorithm of PEGASIS protocol introducing double cluster heads in wireless sensor network, International Conference on Computer, Mechatronics, Control and Electronic Engineering (CMCE), 2010 [NS2]
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