

List of Projects in Wireless Sensor Networks

S-Logix

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1. Never Live Without Neighbors- From Single- to Multi-Channel Neighbor Discovery for Mobile Sensing Applications, IEEE/ACM Transaction on Networking, 2016 [NS2].
2. Achieving Efficient Reliable Flooding in Low-Duty-Cycle Wireless Sensor Networks, IEEE/ACM Transactions on Networking , 2016 [NS2].
3. Sinkhole Attack Detection Scheme using Neighbors' Information for LEAP based Wireless Sensor Networks, International Journal of Computer Applications, May 2016 [NS2].
4. SRA- A Sensing Radius Adaptation Mechanism for Maximizing Network Lifetime in WSNs, IEEE Transaction on Vehicular Technology, 2016 [NS2].
5. Congestion Avoidance Routing in Wireless Sensor Networks, International Journal of Computer Applications, May 2016 [NS2].
6. Self-Deployment of Mobile Sensors to Achieve Target Coverage in the Presence Of Obstacles, IEEE Sensors Journal, May 2016 [NS2].
7. Priority-based Data Gathering Framework in UAV-assisted Wireless Sensor Networks, IEEE Sensors Journal, May 2016 [NS2].
8. An Energy Efficiency Perspective on Rate Adaptation for 802.11n NIC, IEEE Transactions on Mobile Computing, May 2016 [NS2].
9. Clustering in Wireless Sensor Networks using IDEC-LEACH-C Hybrid Energy Efficient Protocol, International Journal of Computer Applications, May 2016 [NS2].
10. Deploy-As-You-Go Wireless Relay Placement: An Optimal Sequential Decision Approach using the Multi-Relay Channel Model, IEEE Transaction on Mobile Computing, May 2016 [NS2].
11. Adaptive Relay Chain Routing with Load Balancing and High Energy Efficiency, IEEE Sensors Journal, May 2016 [NS2].
12. Adaptive and Channel-Aware Detection of Selective Forwarding Attacks in Wireless Sensor Networks, IEEE Transactions on Wireless Communications, April 2016 [NS2].
13. On the vulnerabilities of Voronoi-based approaches to mobile sensor deployment, IEEE Transactions on Mobile Computing, 2016 [NS2].

14. Location aware sensor routing protocol for mobile wireless sensor networks, IET Wireless Sensor Systems, April 2016 [NS2].
15. Hybrid wireless sensor networks: a reliability, cost and energy-aware approach, IET Wireless Sensor Systems, April 2016 [NS2].
16. Energy-Efficient Cooperative Relaying for Unmanned Aerial Vehicles, IEEE Transactions on Mobile Computing, May 2016 [NS2].
17. Cluster-Based Routing for the Mobile Sink in Wireless Sensor Networks With Obstacles, IEEE Access, 2016 [NS2].
18. ActiveTrust: Secure and Trustable Routing in Wireless Sensor Networks, IEEE Transactions on Information Forensics and Security, 2016 [NS2].
19. Traffic Decorrelation Techniques for Countering a Global Eavesdropper in WSNs, IEEE Transactions on Mobile Computing, 2016 [NS2].
20. Secured File Sharing using Trust Mechanism in Wireless Sensor Network, International Journal of Computer Applications, May 2016 [NS2].
21. Privacy and Secure Data Retrieval for Decentralized Military Network, International Journal of Computer Applications, May 2016 [NS2].
22. NACRP: A Connectivity Protocol for Star Topology Wireless Sensor Networks, IEEE Wireless Communications Letters, April 2016 [NS2].
23. Enhanced Deployment Algorithms for Heterogeneous Directional Mobile Sensors in a Bounded Monitoring Area, IEEE Transactions on Mobile Computing, May 2016 [NS2].
24. Effect of Nodes Mobility using different Trajectories, International Journal of Computer Applications, May 2016 [NS2].
25. Duplicate Detectable Opportunistic Forwarding in Duty-Cycled Wireless Sensor Networks, IEEE/ACM Transactions on Networking, April 2016 [NS2].
26. Dragonfly Algorithm based Clustering in Wireless Sensor Network, 2015 [NS2]
27. Enhanced Threshold Sensitive Stable Election Protocol For Heterogeneous Wireless Sensor Network, Wireless Personal Communication, Springer Science and Business Media, July 2015 [NS2].
28. A Secure Data Aggregation Scheme Based on Appropriate Cryptographic Primitives in Heterogeneous Wireless Sensor Networks, IEEE Transactions on Parallel and Distributed Systems, August 2015 [NS2]
29. REAL: A Reciprocal Protocol for Location Privacy in Wireless Sensor Networks, IEEE Transactions on Dependable and Secure Computing, July- August 2015 [NS2]
30. HORA: A Distributed Coverage Hole Repair Algorithm for Wireless Sensor Networks, IEEE Transactions on Mobile Computing, July 2015[NS2]

31. A Historical-Beacon-Aided Localization Algorithm for Mobile Sensor Networks, IEEE Transactions on Mobile Computing, June 2015 [NS2]
32. An Efficient Distributed Trust Model for Wireless Sensor Networks, IEEE Transactions on Parallel and Distributed Systems, May 2015 [NS2]
33. 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]
34. Energy-Efficiency based Clustering and Data Aggregation for Wireless Sensor Networks. International Journal of Computer Applications, June 2015 [NS2]
35. An Improvement of Network Life Time using DLQAR Protocol in Wireless Sensor Network. International Journal of Computer Applications, June 2015 [NS2]
36. Clustering and General Self-Organized Tree-based Energy-Balance Routing Protocol for Wireless Sensor Network (CGSTEB). International Journal of Computer Applications, May 2015 [NS2]
37. Secure based Clustering Algorithm for Wireless Sensor Networks. International Journal of Computer Applications, May 2015 [NS2]
38. Group Key Management Technique based on Logic- Key Tree in the Field of Wireless Sensor Network. International Journal of Computer Applications, May 2015 [NS2]
39. Clustering based Data Collection using Data Fusion in Wireless Sensor Networks. International Journal of Computer Applications, April 2015 [NS2]
40. An Optimized Cooperative Transmission based on V-BLAST Technique and GA clustering for Wireless Sensor Networks. International Journal of Computer Applications, April 2015 [NS2]
41. A Novel Approach to Detect and Prevent Wormhole Attack in Wireless Sensor Network. International Journal of Computer Applications, April 2015 [NS2]
42. Comparative Analysis of Various Energy Efficient Protocols for Wireless Sensor Networks. International Journal of Computer Applications, April 2015 [NS2]
43. An Energy Preserving Detection Mechanism for Blackhole Attack in Wireless Sensor Networks. International Journal of Computer Applications, April 2015 [NS2]
44. An Energy Efficient Critical Event Monitoring Routing Method for Wireless Sensor Networks. International Journal of Computer Applications, March 2015 [NS2]
45. Improving the Life of the Wireless Sensor Network using Energy Harvesting Clustering. International Journal of Computer Applications, March 2015 [NS2]
46. Reliable Adaptive Replication Routing for Wireless Sensor Networks. International Journal of Computer Applications, March 2015 [NS2]

47. Cost-Aware SEcure Routing (CASER) Protocol Design for Wireless Sensor Networks, IEEE Transactions on Parallel and Distributed Systems, April 2015 [NS2]
48. Mobile Data Gathering with Load Balanced Clustering and Dual Data Uploading in Wireless Sensor Networks, IEEE Transactions on Mobile Computing, April 2015 [NS2]
49. Secure and Distributed Data Discovery and Dissemination in Wireless Sensor Networks, IEEE Transactions on Parallel and Distributed Systems, April 2015 [NS2]
50. Segment-Based Anomaly Detection with Approximated Sample Covariance Matrix in Wireless Sensor Networks, IEEE Transactions on Parallel and Distributed Systems, February 2015 [NS2]
51. Secure Data Aggregation Technique for Wireless Sensor Networks in the Presence of Collusion Attacks, January-February 2015 [NS2]
52. Energy and Density Aware Clustering (EDAC) to Improve Lifetime and Connectivity in Multi Level Heterogeneous Wireless Sensor Network. International Journal of Computer Applications , June 2015 [NS2]
53. Collision Optimized Broadcast Scheduling in Wireless Sensor Network. International Journal of Computer Applications, June 2015 [NS2]
54. Clustering and Energy Efficient Routing Protocol for Wireless Sensor Network using Genetic Algorithm. International Journal of Computer Applications, June 2015 [NS2]
55. A Static Code and Dynamic Data Attestation based Intrusion Detection System for Wireless Sensor Networks. International Journal of Computer Applications, June 2015 [NS2]
56. Geographic and Opportunistic Routing for Underwater Sensor Networks, IEEE Transaction on Computers, April 2015 [NS2]
57. Toward Offering More Useful Data Reliably to Mobile Cloud From Wireless Sensor Network, IEEE Transactions on Emerging Topics in Computing, March 2015 [NS2]
58. Distributed Database Management Techniques for Wireless Sensor Networks IEEE Transactions on Parallel and Distributed Systems, February 2015 [NS2/JAVA]
59. Dynamic Routing for Data Integrity and Delay Differentiated Services in Wireless Sensor Networks, IEEE Transactions on Mobile Computing, February 2015 [NS2]
60. Effect of using Mobile Sink on Chain-based Routing Protocols in Wireless Sensor Networks. International Journal of Computer Applications, March 2015 [NS2]
61. Improving Energy Estimation based Clustering with Energy Threshold for Wireless Sensor Networks. International Journal of Computer Applications, March 2015 [NS2]
62. Batch Mode Job Scheduling Scheme (BJSS) for Clusters in Underwater Wireless Sensor Network (UWSN). International Journal of Computer Applications, June 2015 [NS2]

63. Energy Efficient Clustering Routing Protocol based on LEACH for WSN. International Journal of Computer Applications, June 2015 [NS2]
64. HEF Clustering for Secure and Efficient Data Transmission in CWSN. International Journal of Computer Applications, April 2015 [NS2]
65. Impact of Black Hole and Sink Hole Attacks on Routing Protocols for WSN. International Journal of Computer Applications, April 2015 [NS2]
66. Energy Conservation Protocol using Sleep Scheduling in WSN. International Journal of Computer Applications, March 2015 [NS2]
67. A General Self-Organized Tree-Based Energy-Balance Routing Protocol for Wireless Sensor Network, IEEE Transactions on Nuclear Science, April 2014 [NS2].
68. An Anti-Tracking Source-Location Privacy Protection Protocol in WSNs Based on Path Extension, IEEE Internet of Things Journal, October 2014 [NS2].
69. A Novel Approach to Trust Management in Unattended Wireless Sensor Networks, IEEE Transactions on Mobile Computing, 2014 [NS2]
70. Design of a Probability Density Function Targeting Energy-Efficient Node Deployment in Wireless Sensor Networks, IEEE Transactions on Network and Service Management, June 2014 [NS2]
71. An Extension of MAC Protocol for Mobility Detection and Efficient Data Transmission, International Journal of Computer Applications, May 2014 [NS2]
72. Iterative Localization of Wireless Sensor Networks: An Accurate and Robust Approach, IEEE/ACM Transactions on Networking, April 2014 [NS2]
73. Maximizing Lifetime of Heterogeneous Wireless Sensor Network using Heed Protocol, International Journal of Computer Applications, July 2014 [NS2]
74. Priority based Fuzzy Decision Packet Scheduling Algorithm for QOS in Wireless Sensor Network, International Journal of Computer Applications, July 2014 [NS2]
75. Cluster Head Selection Protocol using Fuzzy Logic for Wireless Sensor Networks, International Journal of Computer Applications, July 2014 [NS2]
76. Comparative Analysis of EH-LEACH with Distinct Angles in a Scalable Network, International Journal of Computer Applications, July 2014 [NS2]
77. Maintaining Consistency between Caches to Improve Overall Performance in Wireless Sensor Networks, International Journal of Computer Applications, July 2014 [NS2]
78. Traffic Analysis, a Wise Approach to Detect Compromised Nodes in Wireless Sensor Networks, International Journal of Computer Applications, July 2014 [NS2]
79. Localized Sensor Area Coverage with Low Communication Overhead, IEEE Transactions on Mobile Computing, 2014 [NS2]

80. Combine Received Signal Strength and Angle of Arrival based Localization Technique for WSN, International Journal of Computer Applications, May 2014. [NS2]
81. Max-Min Lifetime Optimization for Cooperative Communications in Multi-Channel Wireless Networks, IEEE Transactions on Parallel and Distributed Systems, June 2014 [NS2]
82. On the vulnerabilities of the virtual force approach to mobile sensor deployment, IEEE Transactions on Mobile Computing, 2014 [NS2]
83. WSN-Life Enhancing Routing Algorithm, International Journal of Computer Applications, June 2014 [NS2]
84. Distributed Clustering In Wireless Sensor Networks Using a Game Theoretical Approach, IJTPE Journal, March 2014 [NS2]
85. An Energy Efficient Cooperative MISO Transmission Scheme for Cluster-based Wireless Sensor Network, International Journal of Computer Applications, June 2014 [NS2]
86. Energy efficient cluster based routing protocol (EECBRP) for Wireless Sensor Network, Networks & Soft Computing (ICNSC), First International Conference on. IEEE, 2014 [NS2]
87. Non-Line-Of-Sight Environment based Localization in Wireless Sensor Networks, International Journal of Computer Applications, June 2014 [NS2]
88. BHnFDIA : Energy Efficient Elimination of Black Hole and False Data Injection Attacks in Wireless Sensor Networks, International Journal of Computer Applications, June 2014 [NS2]
89. TADEEC: Threshold Sensitive Advanced Distributed Energy Efficient Clustering Routing Protocol for Wireless Sensor Networks, International Journal of Computer Applications, June 2014 [NS2]
90. An Efficient Transmission Scheduling and Synchronization Algorithm for Border Node Problem in Wireless Sensor Network, International Journal of Computer Applications, June 2014 [NS2]
91. Energy Efficient Hierarchy-based Clustering Routing Protocol for Wireless Sensor Networks, International Journal of Computer Applications, June 2014 [NS2]
92. Prototyped LEACH Routing Algorithm for the Enhancement of Energy Efficiency in Wireless Sensor Network, International Journal of Computer Applications, June 2014
93. Analysis and Improvement of Routing Protocol LEACH using TEEN, APTEEN and Adaptive Threshold in WSN, International Journal of Computer Applications, June 2014 [NS2]
94. Improving Congestion Performance in WSN by using Enhanced Algorithm, International Journal of Computer Applications, June 2014 [NS2]
95. Delay Analysis of ML-MAC Algorithm For Wireless Sensor Networks, International Journal of Computer Applications, June 2014 [NS2]

96. Influence of Initial Energy Selection in Leach Protocol based Wireless Sensor Networks, International Journal of Computer Applications, May 2014. [NS2]
97. Optimal Probabilistic Encryption for Secure Detection in Wireless Sensor Networks, IEEE Transactions on Information Forensics and Security, March 2014 [NS2]
98. QoS Aware Geographic Opportunistic Routing in Wireless Sensor Networks, IEEE Transactions on Parallel and Distributed Systems, 2014 [NS2]
99. Designing a WSN Data Format for WLAN and Cellular Network Compatibility in an E-healthcare Framework, International Journal of Computer Applications, May 2014. [NS2]
100. A Quantitative Analysis of Algorithms for Energy Efficient Coverage in WSN, International Journal of Computer Applications, June 2014 [NS2]
101. Error Minimization in Localization of Wireless Sensor Networks using Modified Cuckoo Search with Mobile Anchor Positioning (MCS-Map) Algorithm. [NS2]
102. Reliable Data Aggregation using Ant Colony Optimization with State Transition Ant Rule in Sensor Network, International Journal of Computer Applications, June 2014 [NS2]
103. Enhancement of Mobility Model for Cluster Hierarchical Routing Protocol in Wireless Sensor Networks, International Journal of Computer Applications, May 2014 [NS2]
104. Secure Continuous Aggregation in Wireless Sensor Networks, IEEE Transactions on Parallel and Distributed Systems, March 2014 [NS2]
105. Improvement on LEACH Protocol in Wireless Sensor Networks, International Journal of Computer Applications, July 2014 [NS2]
106. Ant Based Cluster Head Election Algorithm in Wireless Sensor Network to avoid Redundancy, IEEE, 2014 [NS2]
107. Improvement on Gossip Routing Protocol using TOSSIM in Wireless Sensor Networks, International Journal of Computer Applications, July 2014 [NS2]
108. A Localization Technique in Wireless Sensor Network based on Angle of Arrival, International Journal of Computer Applications, July 2014 [NS2]
109. An Efficient Technique for Detection of Flooding and Jamming Attacks in Wireless Sensor Networks, International Journal of Computer Applications, July 2014 [NS2]
110. Transmission-Efficient Clustering Method for Wireless Sensor Networks Using Compressive Sensing, IEEE Transactions on Parallel and Distributed Systems, March 2014 [NS2]
111. Path Determination using Improved BFS approach in Wireless Sensor Network, International Journal of Computer Applications, July 2014 [NS2]
112. Defending against Energy Draining attack in Wireless Ad-Hoc Sensor Networks, IJARCSST, 2014 [NS2]

113. An Energy Efficient Clustering Algorithm based on Boundary Nodes Allocation for WSN, International Journal of Computer Applications, July 2014. [NS2]
114. A light weight PLGP based method for mitigating vampire attacks in Wireless Sensor Networks, IJECS, 2014 [NS2]
115. Secure Data Aggregation in Wireless Sensor Networks: Filtering out the Attacker's Impact, IEEE Transactions on Information Forensics and Security, April 2014 [NS2]
116. Intelligent Localization Algorithm for Temperature Monitoring using Wireless Sensor Networks, International Journal of Computer Applications, May 2014. [NS2]
117. An Enhanced Approach for Synchronization in WSN, International Journal of Computer Applications, May 2014. [NS2]
118. Secure and Efficient Data Transmission for Cluster-Based Wireless Sensor Networks, IEEE Transactions on Parallel and Distributed Systems, 2014 [NS2/JAVA]
119. Lightweight authentication protocol used in wireless sensor network, IEEE, 2014
120. Fast data collection in linear duty-cycled wireless sensor networks. IEEE Transactions on Vehicular Technology, 2014
121. Towards Energy Efficient Big Data Gathering in Densely Distributed Sensor Networks, IEEE Transactions on Emerging Topics in Computing, 2014 [NS2/JAVA].
122. Localized Algorithms for Detection of Node Replication Attacks in Mobile Sensor Networks, IEEE Transactions on Information Forensics and Security, May 2013 [NS2]
123. An Enhanced Energy Efficient Clustering Scheme for Prolonging the Lifetime of Heterogeneous Wireless Sensor Networks, International Journal of Computer Applications, August 2013 [NS-2]
124. Energy Efficient Image Transmission in Wireless Multimedia Sensor Networks, IEEE Communications Letters, June 2013 [NS2]
125. Distance based (DBCP) Cluster Protocol for Heterogeneous Wireless Sensor Network, International Journal of Computer Applications, August 2013 [NS-2]
126. LDTS: A Lightweight and Dependable Trust System for Clustered Wireless Sensor Networks, IEEE Transactions on Information Forensics and Security, June 2013 [NS2]
127. MED-BS Clustering Algorithm for the Small-Scale Wireless Sensor Networks, Wireless Sensor Networks, May 2013 [NS-2]
128. CDAMA: Concealed Data Aggregation Scheme for Multiple Applications in Wireless Sensor Networks, IEEE Transactions on Knowledge and Data Engineering, July 2013 [NS2/JAVA]
129. Computation of the Optimal Probability of becoming a Cluster Head in Hierarchical Clustered WSNs, International Journal of Computer Applications, August 2013 [NS-2]

- 130.VAPR: Void-Aware Pressure Routing for Underwater Sensor Networks, IEEE Transactions on Mobile Computing, May 2013 [NS2]
- 131.Improving the Network Lifetime in WSN through Enhanced LEACH, International Journal of Computer Applications, August 2013 [NS-2]
- 132.Vampire Attacks: Draining Life from Wireless Ad Hoc Sensor Networks, IEEE Transactions on Mobile Computing, Feb 2013 [NS2]
- 133.Enhanced Unequal Clustering Scheme for Wireless Sensor Networks, International Journal of Computer Applications, August 2013 [NS-2]
- 134.Scheduling Mobile Nodes for Cooperative Data Transport in Sensor Networks, IEEE Transactions on Networking, June 2013 [NS2]
- 135.Energy Constraints of Localization Techniques in Wireless Sensor Networks (WSN): A Survey, International Journal of Computer Applications, August 2013 [NS-2]
- 136.Efficient Computation of Robust Average of Compressive Sensing Data in Wireless Sensor Networks in the Presence of Sensor Faults, IEEE Transactions on Parallel and Distributed Systems, Aug 2013 [NS2]
- 137.CIAC: Cluster Head Induced Affinity based Clustering for Prolonging the Lifetime of Wireless Sensor Network,International Journal of Computer Applications, August 2013 [NS-2]
- 138.Attribute-Aware Data Aggregation Using Potential-Based Dynamic Routing in Wireless Sensor Networks, IEEE Transactions on Parallel and Distributed Systems, May 2013 [NS2]
- 139.Enhanced Low Energy Communication Protocol for Implantable Wireless Body Sensor Networks, International Journal of Computer Applications, August 2013 [NS-2]
- 140.GKAR: A Novel Geographic (K)-Anycast Routing for Wireless Sensor Networks, IEEE Transactions on Parallel and Distributed Systems, May 2013 [NS2]
- 141.Comparison of different Energy Minimization Techniques in Wireless Sensor Network, International Journal of Computer Applications, August 2013 [NS-2]
- 142.Lightweight Location Verification Algorithms for Wireless Sensor Networks, IEEE Transactions on Parallel and Distributed Systems, May 2013 [NS2]
- 143.A Cluster-based Routing Algorithm for WSN based on Residual Energy of the Nodes, International Journal of Computer Applications, July 2013 [NS-2]
- 144.Scheduling Sensor Data Collection with Dynamic Traffic Patterns, IEEE Transactions on Parallel and Distributed Systems, April 2013 [NS2]
- 145.Energy Efficient Routing Strategies for Clustered Wireless Sensor Networks: An Analytical Framework, International Journal of Computer Applications, July 2013 [NS-2]

- 146.Improve Efficiency and Reliability in Single-Hop WSNs with Transmit-Only Nodes, IEEE Transactions on Parallel and Distributed Systems, March 2013 [NS2]
- 147.Residual Energy and Distance based Energy-Efficient Communication Protocol for Wireless Sensor Network, International Journal of Computer Applications, July 2013 [NS-2]
- 148.Dynamic Coverage of Mobile Sensor Networks, IEEE Transactions on Parallel and Distributed Systems, Feb 2013 [NS2]
- 149.Localized Algorithms for Detection of Node Replication Attacks in Mobile Sensor Networks, IEEE Transactions on Information Forensics and Security, May 2013 [NS2]
- 150.Traffic Differentiation and Scheduling for QoS support in Vehicular Sensor Networks 2013 IEEE [NS2]
- 151.Multiple rendezvous multichannel mac protocol design for under water sensor network,Jan2013[NS2]
- 152.Energy Efficient wireless Mac protocols for railway monitoring applications ,Jan 2013[NS2]
- 153.A Delay-Aware Network Structure for Wireless Sensor Networks with In-Network Data Fusion, May 2013 [NS2]
- 154.LDTS: A Lightweight and Dependable Trust System for Clustered Wireless Sensor Networks, IEEE Transactions on Information Forensics and Security, June 2013 [NS2]
- 155.Energy Efficient Multi-Flow Routing in Mobile Sensor Networks, IEEE WCNC – Wireless Communications and Networking Conference (2013) [NS2]
- 156.EEDBC-M: Enhancement of Leach-Mobile protocol with Energy Efficient Density-based Clustering for Mobile Sensor Networks, International Journal of Computer Applications, July 2013 [NS-2]
- 157.Localization-Oriented Network Adjustment in Wireless Ad-Hoc and Sensor Networks, IEEE Transactions on Parallel and Distributed Systems, 2013 [NS2]
- 158.Lifetime Improvement of LEACH Protocol for Wireless Sensor Network, IEEE, 2013 [NS2]
- 159.Enhancement in Leach Protocol for Wireless Sensor Networks, International Journal of Computer Applications, July 2013 [NS-2]
- 160.ALBA-R: Load-Balancing Geographic Routing Around Connectivity Holes in Wireless Sensor Networks, IEEE Transactions on Parallel and Distributed Systems, 2013 [NS2]
- 161.A Novel Energy Efficient Hierarchical Multi Level Cluster Routing Protocol based on LEACH, International Journal of Computer Applications, July 2013 [NS-2]
- 162.Hybrid Energy Efficient Protocol for Stable Concentric Clustering in Heterogenous Wireless Sensor Networks,International Journal of Computer Applications, July 2013 [NS-2]

163. Distributed Coverage in Wireless Ad Hoc and Sensor Networks by Topological Graph Approaches, IEEE Transactions on Computers, 2013 [NS2]
164. New Framework for Enhanced Secure Key Management in Hierarchical Wireless Sensor Network, International Journal of Computer Applications, July 2013 [NS-2]
165. An Efficient Genetic Algorithm for Maximum Coverage Deployment in Wireless Sensor Networks, IEEE Transactions on Cybernetics, 2013 [NS2]
166. Trust based Data Aggregation in Wireless Sensor Networks, International Journal of Computer Applications, July 2013 [NS-2]
167. Packet Flow Rate to Protect Wireless Sensor Networks from Wormhole and Hello Flood Attacks, International Journal of Computer Applications, June 2013 [NS-2]
168. Cluster based Sleep/Wakeup Scheduling Technique for WSN, International Journal of Computer Applications, June 2013 [NS-2]
169. Localization of Nodes: A New Challenge for Wireless Sensor Networks, International Journal of Computer Applications, June 2013 [NS-2]
170. Energy Efficient Cluster based Routing Protocol for Wireless Sensor Networks, International Journal of Computer Applications, June 2013 [NS-2]
171. Performance Analysis and Classification of Clone Attack Detection Procedures in Mobile Wireless Sensor Networks, International Journal of Computer Applications, June 2013. [NS2]
172. Enhanced Beta Trust Model for Identifying Insider Attacks in Wireless Sensor Networks, IJCSNS International Journal of Computer Science and Network Security, Aug 2013 [NS-2]
173. An Energy Efficient Data Redundancy Reduction Approach for Data Aggregation in WSN, International Journal of Computer Science Issues, July 2013 [NS-2]
174. Exploring Energy Aware Clustering Protocol for Heterogeneous Sensor Network, International Journal of Computer Applications, June 2013 [NS-2]
175. Performance Analysis of Variable Energy Levels of Clustering Protocols for Wireless Sensor Network, International Journal of Computer Science Issues, Mar 2013 [NS-2]
176. Localized Movement-Assisted Sensor Deployment Algorithm for Hole Detection and Healing, IEEE transactions on parallel and distributed systems, 2013
177. Achieving efficient flooding by utilizing link correlation in wireless sensor networks, IEEE/ACM Transactions on Networking, 2013
178. Secure Routing in Wireless Sensor Network, IJARCSSE, 2013
179. LCM: A Link-Aware Clustering Mechanism for Energy-Efficient Routing in Wireless Sensor Networks, IEEE Sensors Journal, 2013

180. XL-WMSN: cross-layer quality of service protocol for wireless multimedia sensor networks, EURASIP Journal on Wireless Communications and Networking 2013, [NS2]
181. Centralized and Clustered k-Coverage Protocols for Wireless Sensor Networks, IEEE Transactions On Computers, Vol. 61, No. 1, January 2012 [NS2]
182. Hop-by-Hop Traceback in Wireless Sensor Networks, IEEE Communications Letters, Feb 2012 [NS2]
183. Energy-Efficient Tree-Based Multipath Power Control for Underwater Sensor Networks, IEEE Transactions On Parallel And Distributed Systems, Vol. 23, No. 11, November 2012 [NS2]
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185. Detection of Sybil Attack in Mobile Wireless Sensor Networks, IJESAT | Mar-Apr 2012. [NS2]
186. A Reliable Transmission Protocol for ZigBee-Based Wireless Patient Monitoring, IEEE Transactions on Information Technology in Biomedicine, Jan 2012 [NS2]
187. Hierarchical Trust Management for Wireless Sensor Networks and its Applications to Trust-Based Routing and Intrusion Detection, IEEE Transactions on Networking, June 2012 [NS2]
188. Detection of Wormhole Attacks in Wireless Sensor Networks, 2012 [NS2]
189. SCHS: Smart Cluster Head Selection Scheme for Clustering Algorithms in Wireless Sensor Networks, November 2012 [NS2]
190. Spatial Temporal coverage in Wireless Sensor Networks, IEEE Transactions on Mobile Computing, April 2011 [NS2]
191. Routing mechanism for a DTN using WSN nodes for localization applications, IEEE, 2011 [NS2]
192. Continuous Neighbor Discovery in Asynchronous Sensor Networks, IEEE/ACM Transactions on Networking, Feb 2011 [NS2]
193. Optimal Jamming Attack Strategies and Network Defense Policies in Wireless Sensor Networks, IEEE Transactions on Mobile Computing, August 2010 [NS2]
194. Detecting Denial of Service Attacks in Sensor Networks, 2010 [NS2]
195. Maximal Weight Topology Discovery in Ad hoc Wireless Sensor Networks, IEEE, 2010 [NS2]
196. 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]

197. Location Privacy in Sensor Networks Against a Global Eavesdropper, International Conference on Network Protocol, IEEE International Conference, October 2007 [NS2].

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